

Question: By the end of this school year, how many years will you have been teaching altogether?
Location: 2024 Context Data - TQG-01 (BTBLG01)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	988	0.8	2.5	11.3	1.0	1.0	2.0	5.0	10.0	17.0	21.0	25.0	41.0
Korea, Rep. of	452	307	1.3	10.5	15.7	1.0	2.0	3.0	7.0	15.0	22.0	30.0	33.0	39.0
Sweden	1214	621	3.6	20.0	15.7	1.0	2.0	3.0	6.0	16.0	23.0	28.0	30.0	47.0
Table Average (3)	2715	1916	1.9	11.0	14.2	1.0	1.7	2.7	6.0	13.7	20.7	26.3	29.3	42.3

Question: Which of these describes you?
Location: 2024 Context Data - TQG-02 (BTBLG02)

Country	Sample	Valid N	1.Female %	2.Male %	3.<Other> %	Omitted %	Not Administered %	1.Female Mean	2.Male Mean	3.<Other> Mean	Omitted Mean	Not Administered Mean
Jordan	1049	992	58.3	41.7	0.0	0.6	2.5	9.2	9.7	.	13.9	5.0
Korea, Rep. of	452	309	70.2	29.8	0.0	0.2	10.5	7.8	10.2	.	10.4	5.3
Sweden	1214	621	54.7	44.1	1.2	3.6	20.0	4.3	7.0	33.6	11.6	5.7
Table Average (3)	2715	1922	61.0	38.6	0.4	1.5	11.0	7.1	9.0	33.6	12.0	5.3

Question: How old are you?
Location: 2024 Context Data - TQG-03 (BTBLG03)

Country	Sample	Valid N	1.Under 25 %	2.25-29 %	3.30-39 %	4.40-49 %	5.50-59 %	6.60 or more %	Omitted %	Not Administered %
Jordan	1049	997	3.6	16.6	40.6	33.2	6.1	0.0	0.4	2.5
Korea, Rep. of	452	308	1.6	10.2	27.1	32.6	26.0	2.5	0.4	10.5
Sweden	1214	621	1.3	3.1	14.9	41.5	32.6	6.6	3.6	20.0
Table Average (3)	2715	1926	2.1	10.0	27.5	35.8	21.6	3.0	1.5	11.0

Question: How old are you?
Location: 2024 Context Data - TQG-03 (BTBLG03)

Country	Sample	Valid N	1.Under 25 Mean	2.25-29 Mean	3.30-39 Mean	4.40-49 Mean	5.50-59 Mean	6.60 or more Mean	Omitted Mean	Not Administered Mean
Jordan	1049	997	0.9	4.6	13.7	9.1	1.7	.	-3.3	5.0
Korea, Rep. of	452	308	14.2	10.4	11.9	7.0	5.5	12.1	8.4	5.3
Sweden	1214	621	15.3	15.7	2.7	5.2	6.6	7.8	11.6	5.7
Table Average (3)	2715	1926	10.1	10.2	9.4	7.1	4.6	10.0	5.6	5.3

Question: What is the highest level of formal education you have completed?
Location: 2024 Context Data - TQG-04 (BTBLG04)

Country	Sample	Valid N	1.No upper second ary %	2.Uppe r second ary %	3.Post second ary, non-te rtiary %	4.Shor t-cycl e tertia ry %	5.Bach elor's or equiva lent %	6.Mast er's or equiva lent %	7.Doct or or equiva lent %	Omitte d %	Not Admini stered %
Jordan	1049	992	0.2	4.6	0.1	0.5	81.1	12.5	0.9	0.8	2.5
Korea, Rep. of	452	309	0.0	0.0	0.0	0.0	68.0	31.4	0.6	0.1	10.5
Sweden	1214	619	0.0	2.2	0.8	2.6	42.3	43.1	9.0	3.8	20.0
Table Average (3)	2715	1920	0.1	2.3	0.3	1.0	63.8	29.0	3.5	1.6	11.0

Question: What is the highest level of formal education you have completed?
Location: 2024 Context Data - TQG-04 (BTBLG04)

Country	Sample	Valid N	1.No upper second ary Mean	2.Uppe r second ary Mean	3.Post second ary, non-te rtiary Mean	4.Shor t-cycl e tertia ry Mean	5.Bach elor's or equiva lent Mean	6.Mast er's or equiva lent Mean	7.Doct or or equiva lent Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	992	3.4	1.5	27.0	10.3	9.5	10.5	19.2	17.6	5.0
Korea, Rep. of	452	309	.	.	.	.	9.7	6.0	-0.8	39.9	5.3
Sweden	1214	619	.	-8.7	25.6	14.0	4.5	7.9	3.4	9.4	5.7
Table Average (3)	2715	1920	3.4	-3.6	26.3	12.1	7.9	8.1	7.3	22.3	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Mathematics
Location: 2024 Context Data - TQG-05a (BTBLG05A)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Jordan	1049	990	16.7	78.4	4.9	1.5	2.5	9.8	9.8	1.6	12.0	5.0
Korea, Rep. of	452	304	0.3	99.7	0.0	1.5	10.5	9.7	8.4	.	16.6	5.3
Sweden	1214	619	51.1	46.7	2.2	3.8	20.0	6.2	6.4	-8.7	9.4	5.7
Table Average (3)	2715	1913	22.7	74.9	2.4	2.2	11.0	8.6	8.2	-3.6	12.7	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Biology
Location: 2024 Context Data - TQG-05b (BTBLG05B)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	35.6	59.5	4.9	1.5	2.5	10.9	9.1	1.6	13.0	5.0
Korea, Rep. of	452	304	27.5	72.5	0.0	1.5	10.5	7.0	8.9	.	16.6	5.3
Sweden	1214	618	58.9	38.9	2.2	3.8	20.0	6.3	6.3	-8.7	9.4	5.7
Table Average (3)	2715	1910	40.7	57.0	2.4	2.3	11.0	8.1	8.1	-3.6	13.0	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Physics
Location: 2024 Context Data - TQG-05c (BTBLG05C)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	41.6	53.6	4.9	1.5	2.5	11.4	8.4	1.6	15.6	5.0
Korea, Rep. of	452	304	23.9	76.1	0.0	1.5	10.5	8.6	8.5	.	10.4	5.3
Sweden	1214	619	53.8	44.0	2.2	3.8	20.0	6.0	6.7	-8.7	9.4	5.7
Table Average (3)	2715	1911	39.8	57.9	2.4	2.2	11.0	8.7	7.9	-3.6	11.8	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Chemistry
Location: 2024 Context Data - TQG-05d (BTBLG05D)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Jordan	1049	987	38.1	57.0	4.9	1.8	2.5	7.9	11.2	1.6	6.8	5.0
Korea, Rep. of	452	304	24.1	75.9	0.0	1.5	10.5	8.1	8.5	.	16.6	5.3
Sweden	1214	619	55.3	42.5	2.2	3.8	20.0	5.1	7.9	-8.7	9.4	5.7
Table Average (3)	2715	1910	39.1	58.5	2.4	2.4	11.0	7.0	9.2	-3.6	10.9	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? <Earth Science>
Location: 2024 Context Data - TQG-05e (BTBLG05E)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applicable %	Omitted %	Not Administered %	1.Yes Mean	2.No Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Jordan	1049	990	25.0	70.2	4.9	1.5	2.5	8.6	10.2	1.6	12.0	5.0
Korea, Rep. of	452	305	17.5	82.5	0.0	1.0	10.5	11.9	7.7	.	13.7	5.3
Sweden	1214	616	6.4	91.4	2.2	4.1	20.0	14.8	5.8	-8.7	8.3	5.7
Table Average (3)	2715	1911	16.3	81.4	2.4	2.2	11.0	11.8	7.9	-3.6	11.3	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Mathematics
Location: 2024 Context Data - TQG-05f (BTBLG05F)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	987	6.3	88.8	4.9	1.6	2.5	12.8	9.7	1.6	7.9	5.0
Korea, Rep. of	452	304	0.0	100.0	0.0	1.5	10.5	.	8.4	.	16.6	5.3
Sweden	1214	617	47.4	50.4	2.2	4.1	20.0	5.2	7.1	-8.7	11.9	5.7
Table Average (3)	2715	1908	17.9	79.7	2.4	2.4	11.0	9.0	8.4	-3.6	12.1	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--Science
Location: 2024 Context Data - TQG-05g (BTBLG05G)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	991	15.2	79.9	4.9	1.3	2.5	10.7	9.6	1.6	15.3	5.0
Korea, Rep. of	452	305	41.5	58.5	0.0	1.3	10.5	7.8	8.9	.	15.4	5.3
Sweden	1214	619	66.1	31.7	2.2	3.8	20.0	6.1	6.9	-8.7	9.4	5.7
Table Average (3)	2715	1915	40.9	56.7	2.4	2.1	11.0	8.2	8.4	-3.6	13.3	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Education--General
Location: 2024 Context Data - TQG-05h (BTBLG05H)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	987	5.6	89.5	4.9	1.5	2.5	13.4	9.6	1.6	11.7	5.0
Korea, Rep. of	452	304	9.8	90.2	0.0	1.5	10.5	9.6	8.3	.	16.6	5.3
Sweden	1214	615	21.8	75.9	2.2	4.0	20.0	8.8	5.6	-8.7	9.2	5.7
Table Average (3)	2715	1906	12.4	85.2	2.4	2.4	11.0	10.6	7.8	-3.6	12.5	5.3

Question: During your <post-secondary> education, what was your major or main area(s) of study? Other
Location: 2024 Context Data - TQG-05i (BTBLG05I)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	987	7.8	87.3	4.9	1.7	2.5	12.0	9.6	1.6	12.0	5.0
Korea, Rep. of	452	305	6.4	93.6	0.0	1.2	10.5	5.9	8.6	.	12.9	5.3
Sweden	1214	619	25.6	72.2	2.2	3.8	20.0	9.5	5.2	-8.7	9.4	5.7
Table Average (3)	2715	1911	13.2	84.4	2.4	2.2	11.0	9.1	7.8	-3.6	11.4	5.3

Question: How would you characterize each of the following within your school? Teachers' understanding of the school's curricular goals
Location: 2024 Context Data - TQG-06a (BTBLG06A)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	44.7	43.6	11.1	0.4	0.2	1.2	2.5	12.8	8.8	-0.2	40.5	11.5	-16.6	5.0
Korea, Rep. of	452	307	42.3	47.2	10.1	0.3	0.0	0.7	10.5	7.0	8.8	13.3	0.2	.	17.3	5.3
Sweden	1214	613	37.3	50.8	11.0	0.9	0.0	4.3	20.0	5.7	9.4	-6.0	3.2	.	4.5	5.7
Table Average (3)	2715	1908	41.5	47.2	10.7	0.5	0.1	2.1	11.0	8.5	9.0	2.3	14.7	11.5	1.7	5.3

Question: How would you characterize each of the following within your school? Teachers' degree of success in implementing the school's curriculum
Location: 2024 Context Data - TQG-06b (BTBLG06B)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	983	34.9	47.9	16.3	0.9	0.1	1.6	2.5	15.4	8.5	1.1	7.9	10.3	-8.1	5.0
Korea, Rep. of	452	307	34.0	51.0	14.6	0.0	0.3	0.7	10.5	7.9	7.3	14.1	.	-14.1	17.3	5.3
Sweden	1214	613	27.2	51.9	20.8	0.0	0.0	4.3	20.0	4.0	8.0	4.7	.	.	4.5	5.7
Table Average (3)	2715	1903	32.0	50.3	17.3	0.3	0.1	2.2	11.0	9.1	8.0	6.6	7.9	-1.9	4.6	5.3

Question: How would you characterize each of the following within your school? Teachers' expectations for student achievement
Location: 2024 Context Data - TQG-06c (BTBLG06C)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	980	23.1	40.9	32.0	3.8	0.3	2.0	2.5	12.9	10.6	7.0	9.3	19.5	-14.1	5.0
Korea, Rep. of	452	307	23.0	46.9	24.3	5.2	0.6	0.7	10.5	7.0	7.5	8.7	19.7	30.7	17.3	5.3
Sweden	1214	613	26.0	52.1	19.6	2.3	0.0	4.3	20.0	8.1	5.9	3.3	18.6	.	4.5	5.7
Table Average (3)	2715	1900	24.0	46.6	25.3	3.8	0.3	2.3	11.0	9.3	8.0	6.3	15.8	25.1	2.6	5.3

Question: How would you characterize each of the following within your school? Teachers' ability to inspire students
Location: 2024 Context Data - TQG-06d (BTBLG06D)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	979	30.9	46.2	20.2	2.4	0.4	1.9	2.5	14.7	7.1	8.4	10.1	6.2	-6.3	5.0
Korea, Rep. of	452	306	31.0	53.8	14.4	0.8	0.0	1.0	10.5	6.5	9.0	10.9	6.8	.	15.2	5.3
Sweden	1214	612	11.2	53.9	34.2	0.7	0.0	4.4	20.0	6.1	8.0	3.7	5.3	.	3.8	5.7
Table Average (3)	2715	1897	24.4	51.3	22.9	1.3	0.1	2.4	11.0	9.1	8.0	7.7	7.4	6.2	4.2	5.3

Question: How would you characterize each of the following within your school? Parental involvement in school activities
Location: 2024 Context Data - TQG-06e (BTBLG06E)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	983	14.7	24.0	39.3	16.4	5.6	1.4	2.5	16.4	7.9	8.4	11.1	5.2	-10.0	5.0
Korea, Rep. of	452	307	15.6	37.4	34.0	12.3	0.8	0.7	10.5	6.3	7.2	9.8	10.4	22.8	17.3	5.3
Sweden	1214	606	1.6	11.7	49.5	31.3	5.8	5.8	20.0	18.5	7.7	5.7	4.6	9.8	7.6	5.7
Table Average (3)	2715	1896	10.6	24.4	41.0	20.0	4.0	2.6	11.0	13.8	7.6	8.0	8.7	12.6	5.0	5.3

Question: How would you characterize each of the following within your school? Parental commitment to ensure that students are ready to learn
Location: 2024 Context Data - TQG-06f (BTBLG06F)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	984	13.5	22.3	37.6	18.0	8.6	1.6	2.5	17.5	6.3	9.1	10.3	8.8	-11.2	5.0
Korea, Rep. of	452	306	14.6	33.0	36.6	14.3	1.4	1.0	10.5	6.6	5.7	10.5	10.5	12.5	20.4	5.3
Sweden	1214	613	1.4	20.7	51.8	22.0	4.1	4.3	20.0	11.0	6.3	6.4	3.2	18.7	4.5	5.7
Table Average (3)	2715	1903	9.8	25.3	42.0	18.1	4.7	2.3	11.0	11.7	6.1	8.7	8.0	13.3	4.5	5.3

Question: How would you characterize each of the following within your school? Parental expectations for student achievement
Location: 2024 Context Data - TQG-06g (BTBLG06G)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	987	9.8	39.1	40.4	9.2	1.5	1.0	2.5	18.3	9.9	7.6	10.9	5.1	-26.2	5.0
Korea, Rep. of	452	308	25.9	44.5	23.7	5.4	0.5	0.4	10.5	7.9	7.5	9.8	13.3	27.4	8.4	5.3
Sweden	1214	615	20.6	30.9	45.9	2.6	0.0	4.2	20.0	11.4	3.5	5.4	13.4	.	3.9	5.7
Table Average (3)	2715	1910	18.8	38.2	36.7	5.7	0.7	1.9	11.0	12.5	6.9	7.6	12.5	16.2	-4.6	5.3

Question: How would you characterize each of the following within your school? Parental support for student achievement
Location: 2024 Context Data - TQG-06h (BTBLG06H)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	983	8.5	29.5	43.8	15.3	2.9	1.4	2.5	17.9	9.1	9.2	8.9	6.4	-16.7	5.0
Korea, Rep. of	452	307	19.7	41.8	30.4	7.6	0.5	0.7	10.5	8.3	6.4	10.9	11.5	-3.7	16.9	5.3
Sweden	1214	613	2.8	20.1	56.3	17.7	3.2	4.5	20.0	12.0	3.9	8.7	-0.1	8.9	4.0	5.7
Table Average (3)	2715	1903	10.3	30.5	43.5	13.5	2.2	2.2	11.0	12.7	6.5	9.6	6.8	3.9	1.4	5.3

Question: How would you characterize each of the following within your school? Students' desire to do well in school
Location: 2024 Context Data - TQG-06i (BTBLG06I)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	10.0	32.6	41.6	12.9	2.9	2.6	2.5	18.6	7.0	9.8	8.8	12.5	-1.3	5.0
Korea, Rep. of	452	308	19.7	45.7	27.4	5.4	1.8	0.4	10.5	8.0	6.0	13.1	8.4	10.4	8.4	5.3
Sweden	1214	615	9.9	41.7	40.7	7.3	0.4	4.2	20.0	9.2	7.7	5.8	-2.4	-3.3	3.9	5.7
Table Average (3)	2715	1895	13.2	40.0	36.6	8.6	1.7	2.4	11.0	11.9	6.9	9.6	4.9	6.5	3.7	5.3

Question: How would you characterize each of the following within your school? Students' ability to reach school's academic goals
Location: 2024 Context Data - TQG-06j (BTBLG06J)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	982	9.9	28.1	49.5	10.9	1.6	1.4	2.5	18.3	7.6	9.6	9.6	6.8	-20.4	5.0
Korea, Rep. of	452	308	9.7	36.8	37.5	15.3	0.8	0.4	10.5	9.2	5.6	8.7	14.6	11.3	8.4	5.3
Sweden	1214	613	6.6	37.8	48.9	6.5	0.3	4.5	20.0	11.0	4.0	6.6	13.3	3.9	3.0	5.7
Table Average (3)	2715	1903	8.7	34.2	45.3	10.9	0.9	2.1	11.0	12.9	5.7	8.3	12.5	7.3	-3.0	5.3

Question: How would you characterize each of the following within your school? Students' respect for classmates who excel academically
Location: 2024 Context Data - TQG-06k (BTBLG06K)

Country	Sample	Valid N	1.Very high %	2.High %	3.Medi um %	4.Low %	5.Very low %	Omitte d %	Not Admini stered %	1.Very high Mean	2.High Mean	3.Medi um Mean	4.Low Mean	5.Very low Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	982	15.5	43.4	32.1	8.1	0.9	1.3	2.5	18.1	8.6	8.0	5.5	25.9	-18.7	5.0
Korea, Rep. of	452	308	20.3	52.5	25.8	1.5	0.0	0.4	10.5	10.7	7.0	9.6	14.3	.	8.4	5.3
Sweden	1214	615	7.3	34.6	37.5	16.3	4.3	4.2	20.0	11.0	7.5	6.0	0.0	14.5	3.9	5.7
Table Average (3)	2715	1905	14.4	43.5	31.8	8.6	1.7	2.0	11.0	13.3	7.7	7.9	6.6	20.2	-2.1	5.3

Question: How often do you have these feelings about being a teacher? I am content with my profession as a teacher
Location: 2024 Context Data - TQG-07a (BTBLG07A)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	993	55.1	36.7	6.2	2.1	0.8	2.5	13.1	6.3	5.1	-6.8	-21.6	5.0
Korea, Rep. of	452	308	25.1	50.8	20.9	3.2	0.5	10.5	6.9	7.1	13.6	9.7	10.4	5.3
Sweden	1214	617	43.2	46.1	9.9	0.8	4.0	20.0	8.2	2.5	15.3	-10.6	6.5	5.7
Table Average (3)	2715	1918	41.1	44.5	12.3	2.0	1.8	11.0	9.4	5.3	11.3	-2.6	-1.6	5.3

Question: How often do you have these feelings about being a teacher? I find my work full of meaning and purpose
Location: 2024 Context Data - TQG-07b (BTBLG07B)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	62.1	32.7	4.8	0.4	1.0	2.5	12.2	7.7	-6.8	-11.8	-17.4	5.0
Korea, Rep. of	452	308	34.1	46.7	16.6	2.6	0.5	10.5	7.6	8.7	9.8	8.8	10.4	5.3
Sweden	1214	617	61.3	34.6	3.9	0.2	4.0	20.0	6.9	4.5	9.3	1.6	6.5	5.7
Table Average (3)	2715	1913	52.5	38.0	8.4	1.1	1.8	11.0	8.9	7.0	4.1	-0.5	-0.2	5.3

Question: How often do you have these feelings about being a teacher? I am enthusiastic about my job
Location: 2024 Context Data - TQG-07c (BTBLG07C)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	986	53.7	35.6	10.1	0.6	1.3	2.5	13.0	7.5	3.9	-24.7	-25.9	5.0
Korea, Rep. of	452	308	39.4	48.7	9.4	2.5	0.5	10.5	7.5	8.1	13.3	14.5	10.4	5.3
Sweden	1214	617	35.2	52.5	12.3	0.0	4.0	20.0	11.0	2.6	7.3	.	6.5	5.7
Table Average (3)	2715	1911	42.8	45.6	10.6	1.0	1.9	11.0	10.5	6.1	8.2	-5.1	-3.0	5.3

Question: How often do you have these feelings about being a teacher? My work inspires me
Location: 2024 Context Data - TQG-07d (BTBLG07D)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	985	53.4	34.7	10.7	1.2	1.3	2.5	13.4	7.4	0.9	-5.4	-13.6	5.0
Korea, Rep. of	452	308	29.0	45.8	21.3	3.9	0.5	10.5	8.2	6.8	12.3	9.9	10.4	5.3
Sweden	1214	617	31.4	53.6	14.2	0.8	4.0	20.0	10.1	1.9	13.0	8.7	6.5	5.7
Table Average (3)	2715	1910	37.9	44.7	15.4	2.0	1.9	11.0	10.5	5.4	8.7	4.4	1.1	5.3

Question: How often do you have these feelings about being a teacher? I am proud of the work I do
Location: 2024 Context Data - TQG-07e (BTBLG07E)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	989	61.1	32.2	5.5	1.1	1.0	2.5	13.1	5.5	-0.6	-1.2	-21.7	5.0
Korea, Rep. of	452	308	37.9	42.4	15.4	4.2	0.5	10.5	8.0	8.2	9.8	11.9	10.4	5.3
Sweden	1214	617	47.7	43.2	9.1	0.0	4.0	20.0	6.4	4.4	12.6	.	6.5	5.7
Table Average (3)	2715	1914	48.9	39.3	10.0	1.8	1.9	11.0	9.2	6.0	7.3	5.3	-1.6	5.3

Question: How often do you have these feelings about being a teacher? I feel appreciated as a teacher
Location: 2024 Context Data - TQG-07F (BTBLG07F)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	45.6	35.6	14.6	4.1	1.2	2.5	12.8	7.6	8.1	-0.5	-14.1	5.0
Korea, Rep. of	452	308	28.1	42.1	24.8	4.9	0.5	10.5	7.4	8.4	11.1	3.3	10.4	5.3
Sweden	1214	617	32.1	39.3	26.8	1.8	4.0	20.0	10.3	3.7	4.7	5.0	6.5	5.7
Table Average (3)	2715	1913	35.3	39.0	22.1	3.6	1.9	11.0	10.2	6.6	8.0	2.6	0.9	5.3

Question: How often do you have these feelings about being a teacher? I enjoy the challenges of teaching
Location: 2024 Context Data - TQG-07g (BTBLG07G)

Country	Sample	Valid N	1.Very often %	2.Ofte n %	3.Some times %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.Very often Mean	2.Ofte n Mean	3.Some times Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	987	39.2	35.7	19.8	5.4	1.1	2.5	11.8	10.3	8.2	-5.7	-8.4	5.0
Korea, Rep. of	452	308	29.6	46.2	20.1	4.1	0.5	10.5	6.9	8.8	9.4	13.6	10.4	5.3
Sweden	1214	617	34.2	53.4	9.8	2.6	4.0	20.0	10.7	4.1	3.2	-1.7	6.5	5.7
Table Average (3)	2715	1912	34.3	45.1	16.6	4.0	1.9	11.0	9.8	7.7	6.9	2.1	2.8	5.3

Question: How many students are in <this class>?
Location: 2024 Context Data - TQG-08 (BTBLG08)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	980	2.3	2.5	33.7	3.0	17.0	19.0	24.0	33.0	40.0	45.0	48.0	99.0
Korea, Rep. of	452	307	0.8	10.5	26.2	1.0	19.0	21.0	24.0	27.0	29.0	30.0	31.0	97.0
Sweden	1214	651	1.2	20.0	25.5	1.0	16.0	17.0	21.0	25.0	27.0	29.0	31.0	99.0
Table Average (3)	2715	1938	1.4	11.0	28.4	1.7	17.3	19.0	23.0	28.3	32.0	34.7	36.7	98.3

Question: How many <ninth grade> students experience difficulties understanding spoken <language of test>?
Location: 2024 Context Data - TQG-09 (BTBLG09)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	980	2.3	2.5	7.0	0.0	0.0	0.0	0.0	3.0	10.0	20.0	27.0	99.0
Korea, Rep. of	452	307	0.8	10.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	97.0
Sweden	1214	651	1.2	20.0	2.7	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	99.0
Table Average (3)	2715	1938	1.4	11.0	3.6	0.0	0.0	0.0	0.0	1.0	3.7	8.3	11.7	98.3

Question: How often do you do the following in teaching this class? Relate the lesson to students' daily lives
Location: 2024 Context Data - TQG-10a (BTBLG10A)

Country	Sample	Valid N	1.Every y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	988	64.1	26.7	8.9	0.4	1.3	2.5	10.6	8.5	5.7	33.2	-10.1	5.0
Korea, Rep. of	452	308	48.1	34.0	17.6	0.3	0.5	10.5	7.7	6.8	13.5	49.4	10.4	5.3
Sweden	1214	662	29.5	45.6	24.5	0.4	0.2	20.0	5.3	8.4	3.6	-4.8	-34.3	5.7
Table Average (3)	2715	1958	47.2	35.4	17.0	0.4	0.7	11.0	7.9	7.9	7.6	25.9	-11.3	5.3

Question: How often do you do the following in teaching this class? Ask students to explain their answers
Location: 2024 Context Data - TQG-10b (BTBLG10B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	983	54.0	32.7	12.6	0.6	1.4	2.5	10.0	11.3	4.2	6.2	-6.8	5.0
Korea, Rep. of	452	306	28.0	42.1	28.6	1.4	1.1	10.5	8.3	7.8	9.6	6.7	15.9	5.3
Sweden	1214	659	45.8	39.9	13.9	0.4	0.8	20.0	6.2	5.2	8.1	7.2	15.7	5.7
Table Average (3)	2715	1948	42.6	38.3	18.4	0.8	1.1	11.0	8.2	8.1	7.3	6.7	8.3	5.3

Question: How often do you do the following in teaching this class? Communicate goals or objectives for the lesson to the students
Location: 2024 Context Data - TQG-10c (BTBLG10C)

Country	Sample	Valid N	1.Every y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	974	79.1	16.2	4.5	0.3	2.6	2.5	11.0	5.5	1.8	14.1	-1.3	5.0
Korea, Rep. of	452	306	49.6	32.5	17.6	0.2	1.5	10.5	6.0	9.4	12.7	11.8	23.1	5.3
Sweden	1214	662	59.0	26.5	12.9	1.6	0.2	20.0	5.3	7.6	8.7	-1.1	-34.3	5.7
Table Average (3)	2715	1942	62.6	25.1	11.6	0.7	1.4	11.0	7.4	7.5	7.7	8.3	-4.2	5.3

Question: How often do you do the following in teaching this class? Ask students to complete challenging exercises that require them to go beyond the instruction
Location: 2024 Context Data - TQG-10d (BTBLG10D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	982	33.1	39.5	25.4	2.1	1.7	2.5	10.4	10.2	8.5	10.2	-12.3	5.0
Korea, Rep. of	452	307	16.9	38.8	40.7	3.7	0.6	10.5	5.3	8.4	9.5	14.0	8.6	5.3
Sweden	1214	662	6.5	41.5	46.6	5.4	0.2	20.0	4.3	5.1	7.4	7.6	-34.3	5.7
Table Average (3)	2715	1951	18.8	39.9	37.5	3.7	0.9	11.0	6.7	7.9	8.4	10.6	-12.7	5.3

Question: How often do you do the following in teaching this class? Encourage classroom discussions among students
Location: 2024 Context Data - TQG-10e (BTBLG10E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	989	54.8	31.5	13.2	0.5	1.2	2.5	10.3	11.8	2.3	-0.5	-7.8	5.0
Korea, Rep. of	452	307	7.7	26.0	53.0	13.4	0.9	10.5	-5.6	10.0	9.4	10.3	8.4	5.3
Sweden	1214	662	37.9	33.8	28.3	0.0	0.2	20.0	6.3	5.6	7.0	46.6	-34.3	5.7
Table Average (3)	2715	1958	33.5	30.4	31.5	4.6	0.8	11.0	3.6	9.1	6.2	18.8	-11.3	5.3

Question: How often do you do the following in teaching this class? Link new content to students' prior knowledge
Location: 2024 Context Data - TQG-10F (BTBLG10F)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	983	75.4	18.1	6.4	0.1	1.6	2.5	11.3	6.7	-2.3	19.4	-1.6	5.0
Korea, Rep. of	452	306	35.1	47.0	18.0	0.0	1.2	10.5	5.7	9.1	12.3	.	11.3	5.3
Sweden	1214	662	50.1	43.2	6.7	0.0	0.2	20.0	5.3	7.2	7.4	.	-34.3	5.7
Table Average (3)	2715	1951	53.5	36.1	10.4	0.0	1.0	11.0	7.4	7.7	5.8	19.4	-8.2	5.3

Question: How often do you do the following in teaching this class? Ask students to decide their own problem solving procedures
Location: 2024 Context Data - TQG-10g (BTBLG10G)

Country	Sample	Valid N	1.Every y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	986	42.0	35.0	21.0	2.0	1.5	2.5	11.7	10.0	5.6	3.3	-4.3	5.0
Korea, Rep. of	452	308	16.2	40.6	38.5	4.7	0.5	10.5	8.5	5.4	11.1	14.4	10.4	5.3
Sweden	1214	657	12.2	35.6	48.1	4.1	0.7	20.0	7.0	6.0	6.3	6.9	-15.5	5.7
Table Average (3)	2715	1951	23.5	37.0	35.8	3.6	0.9	11.0	9.1	7.1	7.7	8.2	-3.2	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students lacking prerequisite knowledge or skills
Location: 2024 Context Data - TQG-11a (BTBLG11A)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	11.5	59.8	28.7	2.5	2.5	11.9	10.5	7.3	-2.3	5.0
Korea, Rep. of	452	306	30.0	60.2	9.8	1.1	10.5	3.9	10.3	12.0	5.4	5.3
Sweden	1214	659	21.9	64.8	13.3	1.5	20.0	13.2	4.3	5.4	-5.9	5.7
Table Average (3)	2715	1941	21.1	61.6	17.3	1.7	11.0	9.7	8.4	8.2	-0.9	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from lack of basic nutrition
Location: 2024 Context Data - TQG-11b (BTBLG11B)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	17.3	60.9	21.8	3.0	2.5	10.7	10.3	8.0	-5.2	5.0
Korea, Rep. of	452	307	61.0	33.4	5.6	0.6	10.5	7.1	11.1	8.1	9.2	5.3
Sweden	1214	658	68.7	30.4	0.8	0.6	20.0	7.3	3.9	3.0	-9.6	5.7
Table Average (3)	2715	1937	49.0	41.6	9.4	1.4	11.0	8.4	8.5	6.4	-1.9	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students suffering from not enough sleep

Location: 2024 Context Data - TQG-11c (BTBLG11C)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	970	13.4	62.2	24.4	3.5	2.5	10.5	10.2	10.1	-12.2	5.0
Korea, Rep. of	452	306	19.6	58.4	22.1	1.1	10.5	5.1	9.0	9.7	22.3	5.3
Sweden	1214	662	27.3	66.6	6.1	0.2	20.0	6.3	6.4	4.9	-34.3	5.7
Table Average (3)	2715	1938	20.1	62.4	17.5	1.6	11.0	7.3	8.5	8.2	-8.0	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students absent from class
Location: 2024 Context Data - TQG-11d (BTBLG11D)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	14.6	63.7	21.7	2.6	2.5	13.4	9.7	8.1	-7.4	5.0
Korea, Rep. of	452	306	35.4	48.4	16.3	0.9	10.5	4.6	10.1	12.6	8.6	5.3
Sweden	1214	662	22.1	61.0	16.9	0.2	20.0	5.9	6.5	5.8	-34.3	5.7
Table Average (3)	2715	1944	24.0	57.7	18.3	1.2	11.0	8.0	8.8	8.9	-11.0	5.3

Question: In your view, to what extent do the following limit how you teach this class? Disruptive students
Location: 2024 Context Data - TQG-11e (BTBLG11E)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	974	21.0	58.5	20.5	2.6	2.5	13.1	9.8	6.4	-4.1	5.0
Korea, Rep. of	452	306	16.8	41.3	41.9	1.1	10.5	10.3	7.0	9.5	5.4	5.3
Sweden	1214	659	37.4	49.0	13.6	0.5	20.0	9.5	5.4	0.5	-14.5	5.7
Table Average (3)	2715	1939	25.0	49.6	25.3	1.4	11.0	11.0	7.4	5.5	-4.4	5.3

Question: In your view, to what extent do the following limit how you teach this class? Uninterested students
Location: 2024 Context Data - TQG-11f (BTBLG11F)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	14.5	59.6	25.9	2.6	2.5	12.5	11.6	4.4	-7.8	5.0
Korea, Rep. of	452	307	21.6	61.6	16.9	0.6	10.5	6.7	8.8	9.7	9.2	5.3
Sweden	1214	662	24.2	61.4	14.5	0.2	20.0	7.6	7.0	0.9	-34.3	5.7
Table Average (3)	2715	1945	20.1	60.9	19.1	1.1	11.0	8.9	9.2	5.0	-11.0	5.3

Question: In your view, to what extent do the following limit how you teach this class? Distracted students
Location: 2024 Context Data - TQG-11g (BTBLG11G)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	13.6	66.2	20.2	2.7	2.5	16.2	9.8	5.8	-5.4	5.0
Korea, Rep. of	452	306	15.4	56.5	28.1	0.9	10.5	8.9	8.5	8.4	8.1	5.3
Sweden	1214	659	14.5	72.7	12.8	0.5	20.0	6.2	7.6	-1.2	-14.4	5.7
Table Average (3)	2715	1938	14.5	65.1	20.4	1.4	11.0	10.4	8.6	4.3	-3.9	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students with mental, emotional, or psychological impairment
Location: 2024 Context Data - TQG-11h (BTBLG11H)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	974	42.7	45.3	12.1	2.6	2.5	10.5	9.1	10.8	-7.7	5.0
Korea, Rep. of	452	307	29.9	55.4	14.8	0.6	10.5	8.6	9.3	5.6	9.2	5.3
Sweden	1214	659	40.1	54.6	5.4	0.5	20.0	6.2	6.2	7.9	-14.4	5.7
Table Average (3)	2715	1940	37.5	51.7	10.7	1.2	11.0	8.4	8.2	8.1	-4.3	5.3

Question: In your view, to what extent do the following limit how you teach this class? Students with difficulties understanding the language of instruction
Location: 2024 Context Data - TQG-11i (BTBLG11I)

Country	Sample	Valid N	1.Not at all %	2.Some %	3.A lot %	Omitte d %	Not Admini stered %	1.Not at all Mean	2.Some Mean	3.A lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	975	23.9	62.7	13.3	2.6	2.5	12.1	9.4	8.5	-7.9	5.0
Korea, Rep. of	452	307	47.0	38.6	14.4	0.6	10.5	7.6	8.5	11.7	9.2	5.3
Sweden	1214	659	50.5	45.0	4.5	0.5	20.0	4.9	7.4	9.4	-14.4	5.7
Table Average (3)	2715	1941	40.5	48.8	10.7	1.2	11.0	8.2	8.4	9.9	-4.4	5.3

Question: In a typical week, how much time do you spend teaching science to the students in this class?
Location: 2024 Context Data - TQS-12 (BTBLS12)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	975	2.9	2.5	84.6	1.0	35.0	40.0	45.0	80.0	90.0	160.0	225.0	855.0
Korea, Rep. of	452	308	0.6	10.5	136.7	1.0	4.0	45.0	90.0	135.0	180.0	180.0	180.0	900.0
Sweden	1214	661	0.3	20.0	63.1	4.0	39.0	44.0	49.0	50.0	66.0	100.0	145.0	359.0
Table Average (3)	2715	1944	1.3	11.0	94.8	2.0	26.0	43.0	61.3	88.3	112.0	146.7	183.3	704.7

Question: In teaching science to the students in this class, how often do you ask them to do the following? Listen to me explain new science content
Location: 2024 Context Data - TQS-13a (BTBLS13A)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	982	73.9	17.2	7.6	1.2	1.5	2.5	11.0	5.2	3.5	4.4	15.6	5.0
Korea, Rep. of	452	308	76.5	17.7	5.8	0.0	0.5	10.5	8.6	7.6	10.1	.	10.4	5.3
Sweden	1214	659	57.5	28.8	12.9	0.8	0.4	20.0	6.7	5.0	6.4	12.7	-16.7	5.7
Table Average (3)	2715	1949	69.3	21.2	8.8	0.7	0.8	11.0	8.8	5.9	6.7	8.5	3.1	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Observe natural phenomena and describe what they see
Location: 2024 Context Data - TQS-13b (BTBLS13B)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	976	50.2	34.8	14.2	0.7	2.2	2.5	12.3	7.4	4.3	13.8	7.7	5.0
Korea, Rep. of	452	308	8.0	25.6	54.0	12.4	0.5	10.5	5.0	9.3	7.7	12.8	10.4	5.3
Sweden	1214	652	4.9	20.4	66.8	7.9	0.9	20.0	-2.1	6.9	6.6	7.9	-12.0	5.7
Table Average (3)	2715	1936	21.0	26.9	45.0	7.0	1.2	11.0	5.1	7.8	6.2	11.5	2.0	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Watch me demonstrate an experiment or investigation
Location: 2024 Context Data - TQS-13c (BTBLS13C)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	975	51.9	30.9	16.5	0.7	2.4	2.5	10.4	8.2	8.5	2.6	12.3	5.0
Korea, Rep. of	452	307	11.8	39.9	46.3	2.1	0.6	10.5	12.5	7.1	7.9	28.7	8.6	5.3
Sweden	1214	656	7.6	21.3	65.6	5.5	0.6	20.0	9.4	4.5	6.4	7.1	-9.0	5.7
Table Average (3)	2715	1938	23.8	30.7	42.8	2.8	1.2	11.0	10.8	6.6	7.6	12.8	4.0	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Read their textbooks or other resource materials
Location: 2024 Context Data - TQS-13d (BTBLS13D)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	978	36.8	32.2	28.5	2.6	1.8	2.5	12.8	10.9	4.5	-4.0	11.1	5.0
Korea, Rep. of	452	307	41.6	32.4	22.7	3.3	1.0	10.5	9.4	5.4	10.0	18.7	8.5	5.3
Sweden	1214	658	25.3	44.0	28.1	2.6	0.5	20.0	6.0	5.3	7.8	7.6	-8.6	5.7
Table Average (3)	2715	1943	34.6	36.2	26.4	2.8	1.1	11.0	9.4	7.2	7.5	7.4	3.6	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Memorize facts and principles
Location: 2024 Context Data - TQS-13e (BTBLS13E)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	973	56.5	29.5	13.3	0.7	2.3	2.5	12.0	6.2	5.2	-0.8	16.4	5.0
Korea, Rep. of	452	308	32.2	39.6	25.2	3.0	0.5	10.5	8.5	7.5	9.1	17.6	10.4	5.3
Sweden	1214	654	17.9	28.3	45.4	8.5	0.8	20.0	2.2	7.1	7.5	5.0	-1.6	5.7
Table Average (3)	2715	1935	35.5	32.4	28.0	4.1	1.2	11.0	7.5	6.9	7.3	7.3	8.4	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Use scientific formulas and laws to solve routine problems
Location: 2024 Context Data - TQS-13f (BTBLS13F)

Country	Sample	Valid N	1.Every y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	978	52.1	31.6	15.1	1.2	1.8	2.5	10.6	8.3	6.1	9.7	21.1	5.0
Korea, Rep. of	452	307	32.2	47.4	19.5	1.0	1.0	10.5	10.4	6.5	10.9	0.0	8.5	5.3
Sweden	1214	656	10.5	30.5	56.5	2.6	0.6	20.0	2.1	6.3	6.9	10.2	-9.0	5.7
Table Average (3)	2715	1941	31.6	36.5	30.4	1.6	1.2	11.0	7.7	7.0	8.0	6.6	6.9	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Do field work outside of class
Location: 2024 Context Data - TQS-13g (BTBLS13G)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	975	18.8	27.8	39.7	13.7	2.2	2.5	12.2	7.2	9.5	8.5	17.8	5.0
Korea, Rep. of	452	308	2.3	8.1	44.0	45.6	0.5	10.5	13.3	7.3	9.5	7.6	10.4	5.3
Sweden	1214	654	2.1	4.3	71.9	21.7	1.0	20.0	1.8	2.6	7.9	2.3	-10.6	5.7
Table Average (3)	2715	1937	7.7	13.4	51.9	27.0	1.3	11.0	9.1	5.7	9.0	6.1	5.8	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in mixed ability groups
Location: 2024 Context Data - TQS-13h (BTBLS13H)

Country	Sample	Valid N	1.Every or almost every lesson %	2.About half the lessons %	3.Some lessons %	4.Never %	Omitted %	Not Administered %	1.Every or almost every lesson Mean	2.About half the lessons Mean	3.Some lessons Mean	4.Never Mean	Omitted Mean	Not Administered Mean
Jordan	1049	976	26.4	38.2	31.1	4.3	2.0	2.5	12.7	10.7	4.6	8.2	20.2	5.0
Korea, Rep. of	452	308	10.3	31.2	50.3	8.2	0.5	10.5	0.8	8.4	9.6	12.3	10.4	5.3
Sweden	1214	654	12.6	37.0	46.5	4.0	1.0	20.0	2.2	8.1	5.6	10.9	-7.5	5.7
Table Average (3)	2715	1938	16.4	35.5	42.6	5.5	1.1	11.0	5.3	9.0	6.6	10.4	7.7	5.3

Question: In teaching science to the students in this class, how often do you ask them to do the following? Work in same ability groups
Location: 2024 Context Data - TQS-13i (BTBLS13I)

Country	Sample	Valid N	1.Every y or almost every lesson %	2.Abou t half the lesson s %	3.Some lesson s %	4.Neve r %	Omitte d %	Not Admini stered %	1.Every y or almost every lesson Mean	2.Abou t half the lesson s Mean	3.Some lesson s Mean	4.Neve r Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	979	21.0	33.0	33.7	12.3	1.8	2.5	14.2	9.8	9.0	-0.2	19.3	5.0
Korea, Rep. of	452	308	2.2	18.7	46.7	32.3	0.5	10.5	-5.8	8.4	7.8	10.6	10.4	5.3
Sweden	1214	656	2.0	8.7	42.0	47.3	0.6	20.0	-8.8	8.3	3.7	8.8	-9.0	5.7
Table Average (3)	2715	1943	8.4	20.1	40.8	30.7	1.0	11.0	-0.1	8.9	6.8	6.4	6.9	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Encouraging students to ask questions about scientific phenomena
Location: 2024 Context Data - TQS-14a (BTBLS14A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	78.4	21.3	0.3	2.3	2.5	11.0	3.6	18.8	7.4	5.0
Korea, Rep. of	452	306	54.7	44.4	0.9	0.9	10.5	7.3	10.0	13.1	3.6	5.3
Sweden	1214	657	67.5	29.7	2.9	0.5	20.0	6.6	6.0	0.9	-12.4	5.7
Table Average (3)	2715	1939	66.9	31.8	1.4	1.2	11.0	8.3	6.5	10.9	-0.5	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students predict the outcomes of experiments or investigations
Location: 2024 Context Data - TQS-14b (BTBLS14B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	63.3	35.8	0.9	2.6	2.5	11.4	6.5	11.5	2.1	5.0
Korea, Rep. of	452	305	51.8	47.1	1.2	1.3	10.5	7.2	9.8	9.3	15.8	5.3
Sweden	1214	652	50.9	47.1	2.0	1.7	20.0	7.6	4.7	-2.3	11.8	5.7
Table Average (3)	2715	1930	55.3	43.3	1.4	1.9	11.0	8.7	7.0	6.2	9.9	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students discuss variation in data from experiments or investigations

Location: 2024 Context Data - TQS-14c (BTBLS14C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	52.7	45.2	2.2	2.6	2.5	11.8	6.7	10.1	8.5	5.0
Korea, Rep. of	452	305	36.9	57.7	5.4	1.2	10.5	7.0	8.9	14.3	9.7	5.3
Sweden	1214	650	33.8	62.4	3.9	1.2	20.0	7.6	5.8	2.6	-5.2	5.7
Table Average (3)	2715	1928	41.1	55.1	3.8	1.7	11.0	8.8	7.1	9.0	4.3	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students use multiple sources of evidence to explain scientific phenomena
Location: 2024 Context Data - TQS-14d (BTBLS14D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	975	49.4	48.2	2.5	2.1	2.5	11.8	7.6	-1.0	7.3	5.0
Korea, Rep. of	452	306	43.4	53.6	3.0	0.9	10.5	6.2	10.4	11.3	3.6	5.3
Sweden	1214	650	28.3	61.5	10.1	1.1	20.0	7.0	6.6	3.1	-8.3	5.7
Table Average (3)	2715	1931	40.4	54.4	5.2	1.4	11.0	8.3	8.2	4.5	0.8	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students create representations (e.g., models, graphs) to explain scientific phenomena

Location: 2024 Context Data - TQS-14e (BTBLS14E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	40.4	54.1	5.5	3.0	2.5	12.8	7.5	2.7	10.0	5.0
Korea, Rep. of	452	306	38.9	58.3	2.9	0.9	10.5	7.5	9.1	12.0	3.6	5.3
Sweden	1214	655	17.9	70.4	11.7	0.7	20.0	5.5	6.1	8.4	-7.2	5.7
Table Average (3)	2715	1934	32.4	60.9	6.7	1.5	11.0	8.6	7.6	7.7	2.1	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students use scientific concepts to explain phenomena
Location: 2024 Context Data - TQS-14f (BTBLS14F)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	61.1	37.6	1.3	2.7	2.5	11.6	6.2	1.7	9.0	5.0
Korea, Rep. of	452	306	59.2	40.5	0.3	0.9	10.5	6.5	11.5	17.8	3.6	5.3
Sweden	1214	658	79.8	18.2	2.0	0.4	20.0	5.8	9.2	-1.9	-13.2	5.7
Table Average (3)	2715	1936	66.7	32.1	1.2	1.3	11.0	8.0	9.0	5.9	-0.2	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students argue about science questions
Location: 2024 Context Data - TQS-14g (BTBLS14G)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	975	53.5	42.9	3.6	2.4	2.5	10.6	8.6	2.6	7.8	5.0
Korea, Rep. of	452	306	16.4	63.8	19.8	0.9	10.5	1.5	9.4	11.9	3.6	5.3
Sweden	1214	653	66.4	31.7	1.9	0.8	20.0	7.2	4.6	0.4	-3.1	5.7
Table Average (3)	2715	1934	45.4	46.1	8.5	1.4	11.0	6.4	7.5	4.9	2.8	5.3

Question: How much emphasis do you place on the following when teaching science to students in this class? Having students conduct experiments
(hands-on or virtually)
Location: 2024 Context Data - TQS-14h (BTBLS14H)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	42.0	53.0	5.0	2.3	2.5	11.7	8.1	5.5	7.9	5.0
Korea, Rep. of	452	306	32.2	61.7	6.1	0.9	10.5	8.7	8.3	11.0	3.6	5.3
Sweden	1214	654	54.8	44.2	1.0	0.8	20.0	8.4	3.6	5.1	-6.6	5.7
Table Average (3)	2715	1936	43.0	53.0	4.1	1.3	11.0	9.6	6.7	7.2	1.6	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Help students appreciate the value of learning science

Location: 2024 Context Data - TQS-15a (BTBLS15A)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	977	76.2	23.2	0.6	2.8	2.5	10.8	5.0	2.6	10.7	5.0
Korea, Rep. of	452	303	52.9	45.8	1.2	1.7	10.5	7.1	9.8	28.0	4.5	5.3
Sweden	1214	657	63.9	33.2	2.8	0.6	20.0	7.5	4.0	4.5	-10.1	5.7
Table Average (3)	2715	1937	64.3	34.1	1.6	1.7	11.0	8.5	6.3	11.7	1.7	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Explain science concepts or principles using experiments or other hands-on activities

Location: 2024 Context Data - TQS-15b (BTBLS15B)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	978	70.4	28.6	1.0	2.6	2.5	11.1	5.2	5.5	11.6	5.0
Korea, Rep. of	452	303	57.6	40.2	2.1	1.7	10.5	8.3	8.6	19.1	4.5	5.3
Sweden	1214	655	70.5	28.9	0.6	0.7	20.0	4.6	10.2	15.7	-7.5	5.7
Table Average (3)	2715	1936	66.2	32.6	1.2	1.7	11.0	8.0	8.0	13.4	2.8	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Adapt teaching to engage students' interests
Location: 2024 Context Data - TQS-15c (BTBLS15C)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	975	64.3	34.8	0.9	2.7	2.5	10.8	6.9	6.4	11.8	5.0
Korea, Rep. of	452	303	45.3	51.1	3.6	1.7	10.5	8.1	8.9	11.2	4.5	5.3
Sweden	1214	658	47.6	50.9	1.6	0.4	20.0	7.1	5.5	3.9	-13.2	5.7
Table Average (3)	2715	1936	52.4	45.6	2.0	1.6	11.0	8.7	7.1	7.2	1.0	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Develop students' higher-order thinking skills
Location: 2024 Context Data - TQS-15d (BTBLS15D)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	975	64.2	35.0	0.8	2.8	2.5	10.3	7.6	18.4	10.5	5.0
Korea, Rep. of	452	303	24.0	65.2	10.8	1.7	10.5	5.6	8.4	16.7	4.5	5.3
Sweden	1214	654	42.3	51.5	6.3	0.8	20.0	5.8	7.1	3.7	-13.3	5.7
Table Average (3)	2715	1932	43.5	50.6	5.9	1.8	11.0	7.2	7.7	12.9	0.6	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Make science relevant to students
Location: 2024 Context Data - TQS-15e (BTBLS15E)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	972	70.9	28.3	0.7	3.2	2.5	9.4	9.1	21.0	9.7	5.0
Korea, Rep. of	452	303	52.1	45.1	2.8	1.7	10.5	7.1	9.7	20.1	4.5	5.3
Sweden	1214	655	62.2	37.4	0.4	0.7	20.0	7.7	3.7	12.5	-7.2	5.7
Table Average (3)	2715	1930	61.7	37.0	1.3	1.8	11.0	8.1	7.5	17.9	2.3	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Provide challenging science activities for excelling students

Location: 2024 Context Data - TQS-15f (BTBLS15F)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	971	44.8	49.1	6.1	3.0	2.5	11.6	6.7	14.4	11.7	5.0
Korea, Rep. of	452	303	35.1	56.9	8.0	1.7	10.5	8.7	8.3	10.1	4.5	5.3
Sweden	1214	652	48.7	47.9	3.4	0.9	20.0	6.3	5.7	14.3	-3.4	5.7
Table Average (3)	2715	1926	42.9	51.3	5.8	1.8	11.0	8.9	6.9	13.0	4.2	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Improve science understanding of struggling students

Location: 2024 Context Data - TQS-15g (BTBLS15G)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	974	51.4	46.1	2.5	2.8	2.5	10.3	8.9	5.2	6.4	5.0
Korea, Rep. of	452	301	43.1	53.8	3.1	2.1	10.5	6.8	9.6	15.8	7.0	5.3
Sweden	1214	655	52.4	41.1	6.4	0.7	20.0	6.8	7.2	-3.8	-7.2	5.7
Table Average (3)	2715	1930	49.0	47.0	4.0	1.9	11.0	7.9	8.5	5.8	2.1	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Assess students' comprehension of science content
Location: 2024 Context Data - TQS-15h (BTBLS15H)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	978	66.2	32.1	1.7	2.6	2.5	10.5	7.3	3.6	11.7	5.0
Korea, Rep. of	452	303	52.6	47.1	0.2	1.7	10.5	8.4	8.9	-3.6	4.5	5.3
Sweden	1214	651	75.7	24.3	0.0	1.0	20.0	5.2	10.0	-17.7	-14.0	5.7
Table Average (3)	2715	1932	64.8	34.5	0.6	1.7	11.0	8.0	8.8	-5.9	0.7	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Incorporate inquiry methods into science teaching
Location: 2024 Context Data - TQS-15i (BTBLS15I)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	975	62.6	36.0	1.4	2.9	2.5	9.4	9.3	6.8	12.6	5.0
Korea, Rep. of	452	302	37.8	58.2	4.0	2.0	10.5	7.5	9.1	15.2	-1.1	5.3
Sweden	1214	655	56.7	39.6	3.7	0.7	20.0	8.3	4.0	-0.9	-7.2	5.7
Table Average (3)	2715	1932	52.4	44.6	3.0	1.9	11.0	8.4	7.4	7.0	1.4	5.3

Question: In teaching science to this class, how confident do you feel about your ability to do the following? Manage student behavior during experiments or other hands-on activities

Location: 2024 Context Data - TQS-15j (BTBLS15J)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Omitted %	Not Administered %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Omitted Mean	Not Administered Mean
Jordan	1049	978	63.8	34.7	1.6	2.6	2.5	10.0	8.5	2.3	11.8	5.0
Korea, Rep. of	452	303	41.3	53.8	4.9	1.7	10.5	7.9	8.6	14.5	4.5	5.3
Sweden	1214	655	64.5	33.5	2.0	0.7	20.0	6.7	5.6	3.9	-7.2	5.7
Table Average (3)	2715	1936	56.5	40.7	2.8	1.6	11.0	8.2	7.6	6.9	3.0	5.3

Question: How often do you do the following when teaching this class? Develop students' positive attitudes toward the natural environment
Location: 2024 Context Data - TQS-16a (BTBLS16A)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	67.7	28.6	3.7	0.0	3.3	2.5	11.8	5.2	6.7	10.3	1.3	5.0
Korea, Rep. of	452	300	24.1	45.3	28.0	2.6	2.7	10.5	4.6	8.1	11.4	13.0	14.9	5.3
Sweden	1214	657	43.7	39.5	14.3	2.6	0.6	20.0	7.5	5.8	5.6	-3.0	-10.1	5.7
Table Average (3)	2715	1930	45.2	37.8	15.3	1.7	2.2	11.0	8.0	6.4	7.9	6.8	2.0	5.3

Question: How often do you do the following when teaching this class? Encourage students to use less resources (e.g., <water, energy>)

Location: 2024 Context Data - TQS-16b (BTBLS16B)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	971	60.2	33.3	6.3	0.2	3.4	2.5	10.4	8.9	8.1	20.9	-0.7	5.0
Korea, Rep. of	452	299	26.6	39.1	31.8	2.4	3.3	10.5	4.4	9.6	9.9	7.3	15.4	5.3
Sweden	1214	657	16.6	47.5	32.0	3.8	0.6	20.0	4.1	5.5	10.8	-12.0	-10.1	5.7
Table Average (3)	2715	1927	34.5	40.0	23.4	2.2	2.4	11.0	6.3	8.0	9.6	5.4	1.6	5.3

Question: How often do you do the following when teaching this class? Discuss how student actions in and outside of school can help the natural environment
Location: 2024 Context Data - TQS-16c (BTBLS16C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	55.1	36.7	7.7	0.4	2.9	2.5	10.2	10.3	1.1	20.1	4.0	5.0
Korea, Rep. of	452	300	20.7	37.2	36.5	5.5	2.7	10.5	5.8	9.7	8.0	11.3	14.9	5.3
Sweden	1214	654	20.5	49.3	27.1	3.1	1.3	20.0	3.7	8.5	5.0	-1.7	-0.3	5.7
Table Average (3)	2715	1931	32.1	41.1	23.8	3.0	2.3	11.0	6.6	9.5	4.7	9.9	6.2	5.3

Question: How often do you do the following when teaching this class? Discuss environmental issues (e.g., <climate change, endangered animals>)
Location: 2024 Context Data - TQS-16d (BTBLS16D)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	971	45.5	40.3	12.6	1.6	3.6	2.5	10.0	9.6	8.7	15.1	0.5	5.0
Korea, Rep. of	452	300	19.7	39.0	37.1	4.2	2.7	10.5	6.1	10.6	7.5	5.8	14.9	5.3
Sweden	1214	657	21.4	53.9	21.6	3.1	0.6	20.0	4.6	6.9	7.6	-2.0	-10.1	5.7
Table Average (3)	2715	1928	28.9	44.4	23.8	3.0	2.3	11.0	6.9	9.0	7.9	6.3	1.8	5.3

Question: Do you do these things to teach students about environmental issues and sustainability? Take student to visit natural areas (e.g., <a pond or meadow>)

Location: 2024 Context Data - TQS-17a (BTBLS17A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	25.0	75.0	2.6	2.5	10.0	9.7	-3.9	5.0
Korea, Rep. of	452	304	15.2	84.8	1.7	10.5	6.4	8.9	9.6	5.3
Sweden	1214	657	41.2	58.8	0.6	20.0	6.4	6.1	-10.1	5.7
Table Average (3)	2715	1938	27.2	72.8	1.6	11.0	7.6	8.3	-1.5	5.3

Question: Do you do these things to teach students about environmental issues and sustainability? Have students participate in environmentally responsible activities (e.g., <pick up trash>)

Location: 2024 Context Data - TQS-17b (BTBLS17B)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	88.0	12.0	2.7	2.5	10.7	2.9	-2.9	5.0
Korea, Rep. of	452	303	68.6	31.4	1.7	10.5	7.0	11.7	10.5	5.3
Sweden	1214	657	24.3	75.7	0.6	20.0	7.1	6.0	-10.1	5.7
Table Average (3)	2715	1937	60.3	39.7	1.7	11.0	8.3	6.9	-0.8	5.3

Question: Do you do these things to teach students about environmental issues and sustainability? Have students do research or projects on a particular environmental topic (e.g., <pollution, climate change>)

Location: 2024 Context Data - TQS-17c (BTBLS17C)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	975	80.5	19.5	3.0	2.5	11.0	5.1	-4.2	5.0
Korea, Rep. of	452	304	54.0	46.0	1.7	10.5	7.5	9.8	9.6	5.3
Sweden	1214	657	66.3	33.7	0.6	20.0	7.2	4.5	-10.1	5.7
Table Average (3)	2715	1936	66.9	33.1	1.7	11.0	8.5	6.4	-1.6	5.3

Question: Do you do these things to teach students about environmental issues and sustainability? Provide opportunities for students to participate in outdoor environmental education programs outside of school

Location: 2024 Context Data - TQS-17d (BTBLS17D)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	51.5	48.5	3.1	2.5	11.1	8.3	-0.8	5.0
Korea, Rep. of	452	304	45.0	55.0	1.7	10.5	7.5	9.4	9.6	5.3
Sweden	1214	657	27.5	72.5	0.6	20.0	5.1	6.7	-10.1	5.7
Table Average (3)	2715	1934	41.3	58.7	1.8	11.0	7.9	8.1	-0.4	5.3

Question: How much do you agree or disagree that education about environmental sustainability should be a priority for schools?
Location: 2024 Context Data - TQS-18 (BTBLS18)

Country	Sample	Valid N	1.Agre e a lot %	2.Agre e a little %	3.Disa gree a little %	4.Disa gree a lot %	Omitte d %	Not Admini stered %	1.Agre e a lot Mean	2.Agre e a little Mean	3.Disa gree a little Mean	4.Disa gree a lot Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	76.7	22.3	0.5	0.4	2.6	2.5	9.9	7.8	8.8	30.8	4.5	5.0
Korea, Rep. of	452	303	59.1	38.2	2.1	0.5	1.8	10.5	8.2	9.3	3.0	10.4	9.8	5.3
Sweden	1214	657	52.5	40.9	4.3	2.3	0.6	20.0	6.0	8.9	-1.5	-18.8	-10.1	5.7
Table Average (3)	2715	1937	62.8	33.8	2.3	1.1	1.7	11.0	8.0	8.7	3.4	7.5	1.4	5.3

Question: Do the students in this class have digital devices (including computers, tablets, or smartphones) available to use during science lessons?
Location: 2024 Context Data - TQS-19A (BTBLS19A)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	982	34.7	65.3	2.1	2.5	13.5	7.5	1.5	5.0
Korea, Rep. of	452	304	98.1	1.9	1.7	10.5	8.5	6.9	9.6	5.3
Sweden	1214	657	99.1	0.9	0.6	20.0	6.4	-5.3	-10.1	5.7
Table Average (3)	2715	1943	77.3	22.7	1.5	11.0	9.5	3.0	0.4	5.3

Question: What access do the students have to digital devices? The class has digital devices for each student to use
Location: 2024 Context Data - TQS-19Ba (BTBLS19BA)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	9.1	24.8	66.1	3.3	2.5	17.9	11.7	7.5	7.3	5.0
Korea, Rep. of	452	304	88.7	9.4	1.9	1.7	10.5	8.9	4.8	6.9	9.6	5.3
Sweden	1214	654	88.9	10.1	0.9	0.8	20.0	6.1	8.4	-5.3	-5.3	5.7
Table Average (3)	2715	1930	62.3	14.8	23.0	1.9	11.0	11.0	8.3	3.0	3.9	5.3

Question: What access do the students have to digital devices? The class has digital devices that students can share

Location: 2024 Context Data - TQS-19Bb (BTBLS19BB)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	16.5	17.4	66.1	3.3	2.5	18.8	8.2	7.5	7.3	5.0
Korea, Rep. of	452	301	53.3	44.8	1.9	2.3	10.5	7.2	10.0	6.9	11.8	5.3
Sweden	1214	654	19.2	79.9	0.9	0.8	20.0	5.9	6.5	-5.3	-5.3	5.7
Table Average (3)	2715	1927	29.7	47.4	23.0	2.1	11.0	10.6	8.2	3.0	4.6	5.3

Question: What access do the students have to digital devices? The school has digital devices that the class can use sometimes
Location: 2024 Context Data - TQS-19Bc (BTBLS19BC)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	26.8	7.1	66.1	3.4	2.5	16.5	2.7	7.5	5.5	5.0
Korea, Rep. of	452	303	66.1	32.0	1.9	2.0	10.5	8.8	7.7	6.9	13.0	5.3
Sweden	1214	649	23.6	75.4	0.9	1.3	20.0	7.3	6.1	-5.3	-1.9	5.7
Table Average (3)	2715	1924	38.8	38.2	23.0	2.2	11.0	10.9	5.5	3.0	5.5	5.3

Question: What access do the students have to digital devices? Students bring their own digital devices
Location: 2024 Context Data - TQS-19Bd (BTBLS19BD)

Country	Sample	Valid N	1.Yes %	2.No %	Not Applic able %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	972	13.2	20.7	66.2	3.4	2.5	22.2	8.0	7.5	5.9	5.0
Korea, Rep. of	452	302	53.6	44.5	1.9	1.8	10.5	9.4	7.6	6.9	8.5	5.3
Sweden	1214	649	86.5	12.5	0.9	1.3	20.0	5.8	10.7	-5.3	-5.4	5.7
Table Average (3)	2715	1923	51.1	25.9	23.0	2.2	11.0	12.5	8.8	3.0	3.0	5.3

Question: How often do you have students use digital devices during science instruction?
Location: 2024 Context Data - TQS-19C (BTBLS19C)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	953	8.8	13.6	7.6	2.0	67.9	5.8	2.5	16.4	15.8	7.2	6.1	7.5	10.4	5.0
Korea, Rep. of	452	304	22.6	43.4	25.8	6.4	1.9	1.7	10.5	9.8	6.8	9.7	10.9	6.9	9.6	5.3
Sweden	1214	656	76.2	18.6	3.0	1.2	0.9	0.6	20.0	6.1	5.9	16.3	9.1	-5.3	-9.7	5.7
Table Average (3)	2715	1913	35.9	25.2	12.1	3.2	23.6	2.7	11.0	10.8	9.5	11.1	8.7	3.0	3.4	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Solve extended or contextualized problems
Location: 2024 Context Data - TQS-19Da (BTBLS19DA)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	979	10.2	13.7	7.6	3.1	65.4	2.3	2.5	22.0	12.1	5.3	13.4	7.5	1.2	5.0
Korea, Rep. of	452	302	20.2	34.7	31.9	11.3	1.9	2.0	10.5	11.3	5.8	9.1	10.3	6.9	9.4	5.3
Sweden	1214	657	29.5	39.7	20.4	9.5	0.9	0.6	20.0	8.0	5.1	5.9	7.6	-5.3	-10.1	5.7
Table Average (3)	2715	1938	20.0	29.3	20.0	8.0	22.7	1.6	11.0	13.8	7.7	6.8	10.4	3.0	0.2	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Create graphs, tables, or other data displays
Location: 2024 Context Data - TQS-19Db (BTBLS19DB)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	8.2	15.2	8.2	2.9	65.5	2.4	2.5	24.1	12.9	6.7	7.2	7.5	1.5	5.0
Korea, Rep. of	452	302	14.0	27.5	41.0	15.6	1.9	2.1	10.5	8.4	9.0	10.1	4.0	6.9	7.6	5.3
Sweden	1214	653	6.0	31.9	42.8	18.4	0.9	0.9	20.0	1.4	8.5	6.8	3.6	-5.3	-9.4	5.7
Table Average (3)	2715	1932	9.4	24.9	30.6	12.3	22.8	1.8	11.0	11.3	10.1	7.9	4.9	3.0	-0.1	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Play games involving science concepts
Location: 2024 Context Data - TQS-19Dc (BTBLS19DC)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	976	9.0	14.7	7.5	3.1	65.7	2.7	2.5	21.0	12.0	10.3	9.4	7.5	1.7	5.0
Korea, Rep. of	452	302	12.2	31.0	35.1	19.8	1.9	2.0	10.5	7.0	9.5	9.9	5.7	6.9	9.4	5.3
Sweden	1214	654	5.6	29.2	35.6	28.6	0.9	0.8	20.0	0.0	5.8	6.2	8.5	-5.3	-6.2	5.7
Table Average (3)	2715	1932	8.9	25.0	26.1	17.2	22.8	1.8	11.0	9.3	9.1	8.8	7.9	3.0	1.6	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Conduct virtual experiments or other simulations
Location: 2024 Context Data - TQS-19Dd (BTBLS19DD)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	974	9.9	13.3	8.2	2.5	66.0	3.2	2.5	19.9	11.2	11.7	16.9	7.5	-1.9	5.0
Korea, Rep. of	452	302	15.3	39.4	33.3	10.1	1.9	2.0	10.5	8.0	5.8	12.6	6.7	6.9	9.4	5.3
Sweden	1214	654	5.3	29.9	44.8	19.0	0.9	0.9	20.0	0.0	9.9	4.0	8.4	-5.3	-6.6	5.7
Table Average (3)	2715	1930	10.2	27.6	28.8	10.5	23.0	2.0	11.0	9.3	9.0	9.4	10.7	3.0	0.3	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Read the textbook or watch instructional videos
Location: 2024 Context Data - TQS-19De (BTBLS19DE)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	978	16.3	13.3	3.5	1.4	65.5	2.4	2.5	18.4	14.2	-10.0	10.3	7.5	2.0	5.0
Korea, Rep. of	452	302	38.6	22.5	19.6	17.4	1.9	2.0	10.5	8.8	8.5	10.3	6.1	6.9	9.4	5.3
Sweden	1214	654	56.7	26.1	10.8	5.5	0.9	0.8	20.0	6.6	5.1	6.4	10.1	-5.3	-6.2	5.7
Table Average (3)	2715	1934	37.2	20.6	11.3	8.1	22.8	1.7	11.0	11.3	9.3	2.2	8.8	3.0	1.7	5.3

Question: How often do you ask the students in your class to use digital devices to do these science activities? Take a test
Location: 2024 Context Data - TQS-19Df (BTBLS19DF)

Country	Sample	Valid N	1.At least once a week %	2.Once or twice a month %	3.A few times a year %	4.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.At least once a week Mean	2.Once or twice a month Mean	3.A few times a year Mean	4.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	977	11.4	13.1	6.8	3.0	65.6	2.6	2.5	16.9	8.5	17.2	14.9	7.5	3.1	5.0
Korea, Rep. of	452	302	7.3	27.8	22.8	40.2	1.9	2.0	10.5	12.7	8.8	9.7	7.0	6.9	9.4	5.3
Sweden	1214	657	4.1	31.1	43.9	19.9	0.9	0.6	20.0	11.4	7.9	4.6	7.0	-5.3	-10.1	5.7
Table Average (3)	2715	1936	7.6	24.0	24.5	21.0	22.8	1.7	11.0	13.7	8.4	10.5	9.6	3.0	0.8	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Defining characteristics of major taxonomic groups of organisms

Location: 2024 Context Data - TQS-20Aa (BTBLS20AA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	882	65.1	24.8	10.1	12.3	2.5	11.6	5.7	10.9	5.1	5.0
Korea, Rep. of	452	303	89.4	4.6	6.0	2.4	10.5	8.3	7.8	9.8	14.1	5.3
Sweden	1214	615	87.2	4.0	8.8	5.9	20.0	5.5	-2.0	10.1	13.0	5.7
Table Average (3)	2715	1800	80.6	11.1	8.3	6.9	11.0	8.5	3.9	10.2	10.7	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Structures and functions of major organs and organ systems
Location: 2024 Context Data - TQS-20Ab (BTBLS20AB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	876	59.5	34.4	6.2	13.2	2.5	11.2	8.0	10.1	5.4	5.0
Korea, Rep. of	452	302	83.0	16.0	1.0	2.5	10.5	9.3	4.2	1.3	13.9	5.3
Sweden	1214	614	84.2	10.9	4.9	6.1	20.0	6.0	-2.0	15.5	13.1	5.7
Table Average (3)	2715	1792	75.5	20.4	4.0	7.3	11.0	8.8	3.4	9.0	10.8	5.3

Question: When students in this class have been taught each of the following science topics. Biology: How animals maintain stable body conditions
Location: 2024 Context Data - TQS-20Ac (BTBLS20AC)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	56.3	30.6	13.0	13.7	2.5	13.2	4.1	11.2	4.8	5.0
Korea, Rep. of	452	302	24.8	73.1	2.1	2.5	10.5	10.0	8.0	0.3	13.9	5.3
Sweden	1214	607	75.1	5.8	19.1	6.4	20.0	5.1	4.7	7.8	12.4	5.7
Table Average (3)	2715	1782	52.1	36.5	11.4	7.5	11.0	9.5	5.6	6.4	10.3	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Major structures and functions in plant and animal cells
Location: 2024 Context Data - TQS-20Ad (BTBLS20AD)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	49.9	43.1	6.9	13.4	2.5	11.5	8.6	9.7	5.0	5.0
Korea, Rep. of	452	302	76.9	11.3	11.8	2.5	10.5	7.2	12.7	11.6	13.9	5.3
Sweden	1214	607	76.8	19.4	3.7	6.9	20.0	5.0	7.1	8.2	12.3	5.7
Table Average (3)	2715	1782	67.9	24.6	7.5	7.6	11.0	7.9	9.5	9.8	10.4	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Basic processes of photosynthesis
Location: 2024 Context Data - TQS-20Ae (BTBLS20Ae)

Country	Sample	Valid N	1. Most ly taught before this year %	2. Most ly taught this year %	3. Not yet taught %	Omitte d %	Not Admini stered %	1. Most ly taught before this year Mean	2. Most ly taught this year Mean	3. Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	52.6	40.8	6.6	13.2	2.5	11.0	9.5	7.3	5.0	5.0
Korea, Rep. of	452	302	91.5	6.7	1.8	2.5	10.5	8.7	3.0	13.4	13.9	5.3
Sweden	1214	617	82.7	13.7	3.6	5.6	20.0	5.7	4.9	8.0	12.8	5.7
Table Average (3)	2715	1792	75.6	20.4	4.0	7.1	11.0	8.4	5.8	9.6	10.6	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Basic processes of cellular respiration
Location: 2024 Context Data - TQS-20Af (BTBLS20Af)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	874	52.2	40.8	7.0	13.3	2.5	10.6	9.4	11.3	4.6	5.0
Korea, Rep. of	452	302	88.2	8.8	3.0	2.5	10.5	8.7	2.6	16.8	13.9	5.3
Sweden	1214	616	77.7	18.7	3.6	5.9	20.0	6.0	3.9	7.9	11.9	5.7
Table Average (3)	2715	1792	72.7	22.8	4.5	7.2	11.0	8.4	5.3	12.0	10.1	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Life cycles of mammals, birds, amphibians, insects, and plants

Location: 2024 Context Data - TQS-20Ag (BTBLS20AG)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	58.7	23.1	18.2	13.7	2.5	10.3	7.7	13.3	4.5	5.0
Korea, Rep. of	452	301	68.7	4.8	26.5	3.0	10.5	8.5	5.4	8.1	17.8	5.3
Sweden	1214	609	82.3	3.0	14.7	6.7	20.0	5.8	-0.9	6.4	11.2	5.7
Table Average (3)	2715	1783	69.9	10.3	19.8	7.8	11.0	8.2	4.0	9.3	11.2	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Processes for reproduction and inheritance in plants and animals

Location: 2024 Context Data - TQS-20Ah (BTBLS20AH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	869	61.6	26.8	11.7	14.0	2.5	10.9	7.4	11.2	6.1	5.0
Korea, Rep. of	452	302	13.3	84.7	1.9	2.5	10.5	11.9	7.9	5.3	13.9	5.3
Sweden	1214	614	53.9	36.9	9.2	6.1	20.0	5.7	5.2	6.3	13.1	5.7
Table Average (3)	2715	1785	43.0	49.5	7.6	7.5	11.0	9.5	6.8	7.6	11.0	5.3

Question: When students in this class have been taught each of the following science topics. Biology: How variation in traits relates to natural selection and changes in life on Earth over time

Location: 2024 Context Data - TQS-20Ai (BTBLS20AI)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	872	42.0	30.4	27.7	13.5	2.5	12.1	6.4	10.9	5.7	5.0
Korea, Rep. of	452	302	67.2	10.9	21.9	2.5	10.5	8.1	7.9	9.5	13.9	5.3
Sweden	1214	608	25.8	58.0	16.3	6.5	20.0	2.1	6.8	6.1	13.6	5.7
Table Average (3)	2715	1782	45.0	33.1	22.0	7.5	11.0	7.4	7.0	8.8	11.1	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Interpreting food web diagrams and the flow of energy in ecosystems

Location: 2024 Context Data - TQS-20Aj (BTBLS20AJ)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	52.7	41.2	6.1	13.2	2.5	12.5	7.7	3.7	5.8	5.0
Korea, Rep. of	452	302	72.9	6.1	21.1	2.5	10.5	8.8	9.9	6.5	13.9	5.3
Sweden	1214	615	77.7	17.9	4.4	6.0	20.0	6.4	1.5	8.1	13.2	5.7
Table Average (3)	2715	1790	67.7	21.7	10.5	7.3	11.0	9.2	6.4	6.1	11.0	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Cycling of water, oxygen, and carbon through ecosystems
Location: 2024 Context Data - TQS-20Ak (BTBLS20AK)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	867	51.3	39.1	9.6	13.4	2.5	10.8	10.5	5.1	5.0	5.0
Korea, Rep. of	452	302	65.2	8.4	26.4	2.5	10.5	8.9	-2.2	10.3	13.9	5.3
Sweden	1214	620	77.3	20.1	2.6	5.3	20.0	6.0	4.2	5.1	13.3	5.7
Table Average (3)	2715	1789	64.6	22.5	12.9	7.1	11.0	8.6	4.2	6.8	10.7	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Predation, competition, and symbiosis in ecosystems
Location: 2024 Context Data - TQS-20A1 (BTBLS20AL)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	61.8	27.6	10.6	13.4	2.5	11.0	7.4	10.6	5.8	5.0
Korea, Rep. of	452	302	58.9	4.4	36.7	2.5	10.5	9.6	7.1	6.6	13.9	5.3
Sweden	1214	611	74.7	19.7	5.6	6.3	20.0	7.0	-0.7	9.3	12.2	5.7
Table Average (3)	2715	1786	65.1	17.2	17.6	7.4	11.0	9.2	4.6	8.8	10.6	5.3

Question: When students in this class have been taught each of the following science topics. Biology: How changes in an ecosystem affect the populations of organisms that live there
Location: 2024 Context Data - TQS-20Am (BTBLS20AM)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	869	58.0	33.1	8.9	13.7	2.5	10.9	7.7	12.9	5.8	5.0
Korea, Rep. of	452	302	63.1	5.4	31.6	2.5	10.5	8.2	8.5	8.7	13.9	5.3
Sweden	1214	615	69.7	25.8	4.5	6.2	20.0	5.8	4.6	8.0	12.5	5.7
Table Average (3)	2715	1786	63.6	21.4	15.0	7.5	11.0	8.3	6.9	9.8	10.7	5.3

Question: When students in this class have been taught each of the following science topics. Biology: How human actions can positively or negatively impact the environment

Location: 2024 Context Data - TQS-20An (BTBLS20AN)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	869	59.4	32.5	8.1	13.8	2.5	10.7	9.5	6.2	6.1	5.0
Korea, Rep. of	452	302	66.1	21.3	12.6	2.5	10.5	8.0	10.3	7.2	13.9	5.3
Sweden	1214	620	45.1	50.2	4.6	5.3	20.0	6.1	5.4	3.7	13.3	5.7
Table Average (3)	2715	1791	56.9	34.7	8.4	7.2	11.0	8.3	8.4	5.7	11.1	5.3

Question: When students in this class have been taught each of the following science topics. Biology: How to prevent transmission of common diseases among humans
Location: 2024 Context Data - TQS-20Ao (BTBLS20A0)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	46.6	32.7	20.7	13.4	2.5	11.4	8.6	10.0	4.7	5.0
Korea, Rep. of	452	302	43.0	12.5	44.4	2.5	10.5	9.8	6.5	7.5	13.9	5.3
Sweden	1214	611	72.6	20.7	6.7	6.3	20.0	5.6	2.8	12.4	14.0	5.7
Table Average (3)	2715	1786	54.1	22.0	23.9	7.4	11.0	8.9	6.0	10.0	10.9	5.3

Question: When students in this class have been taught each of the following science topics. Biology: Importance of diet, exercise, and lifestyle choices for maintaining good health
Location: 2024 Context Data - TQS-20Ap (BTBLS20AP)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	876	60.0	28.5	11.5	13.1	2.5	12.1	7.3	6.0	5.5	5.0
Korea, Rep. of	452	301	52.9	17.2	29.9	3.1	10.5	8.2	6.3	9.9	12.6	5.3
Sweden	1214	618	73.2	20.5	6.3	5.7	20.0	6.1	1.7	11.0	14.2	5.7
Table Average (3)	2715	1795	62.0	22.1	15.9	7.3	11.0	8.8	5.1	8.9	10.8	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Structure of atoms (i.e., protons, neutrons, electrons) and molecules
Location: 2024 Context Data - TQS-20Ba (BTBLS20BA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	878	62.9	32.6	4.5	13.4	2.5	11.8	7.7	5.8	4.8	5.0
Korea, Rep. of	452	301	77.6	16.2	6.2	2.2	10.5	8.9	6.3	11.2	5.6	5.3
Sweden	1214	626	40.9	57.1	2.1	4.5	20.0	8.3	4.8	-0.8	6.2	5.7
Table Average (3)	2715	1805	60.4	35.3	4.3	6.7	11.0	9.7	6.3	5.4	5.5	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Differences among elements, compounds, and mixtures
Location: 2024 Context Data - TQS-20Bb (BTBLS20BB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	877	67.1	27.7	5.2	13.8	2.5	11.1	8.2	7.7	5.2	5.0
Korea, Rep. of	452	301	79.4	18.6	1.9	2.2	10.5	8.2	8.7	23.8	5.6	5.3
Sweden	1214	626	75.8	22.4	1.8	4.5	20.0	6.2	6.9	-6.9	6.2	5.7
Table Average (3)	2715	1804	74.1	22.9	3.0	6.9	11.0	8.5	8.0	8.2	5.7	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: How to interpret the periodic table of elements
Location: 2024 Context Data - TQS-20Bc (BTBLS20Bc)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	874	54.7	39.8	5.5	14.1	2.5	11.4	8.7	10.5	4.6	5.0
Korea, Rep. of	452	301	52.5	19.1	28.4	2.2	10.5	9.3	4.6	10.0	5.6	5.3
Sweden	1214	626	31.6	63.7	4.6	4.5	20.0	11.3	4.4	-4.7	6.2	5.7
Table Average (3)	2715	1801	46.3	40.9	12.9	6.9	11.0	10.6	5.9	5.3	5.5	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Classifying matter according to physical and chemical properties
Location: 2024 Context Data - TQS-20Bd (BTBLS20BD)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	874	61.4	33.6	5.0	13.9	2.5	11.4	7.7	9.4	5.5	5.0
Korea, Rep. of	452	301	54.5	40.6	4.9	2.2	10.5	8.3	8.3	14.8	5.6	5.3
Sweden	1214	619	70.2	23.7	6.1	5.2	20.0	6.5	4.3	5.6	9.1	5.7
Table Average (3)	2715	1794	62.0	32.6	5.3	7.1	11.0	8.8	6.8	9.9	6.7	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Methods for separating mixtures
Location: 2024 Context Data - TQS-20Be (BTBLS20BE)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	875	67.7	24.3	8.1	13.8	2.5	10.5	10.3	8.7	4.2	5.0
Korea, Rep. of	452	301	90.9	6.7	2.5	2.2	10.5	8.5	9.0	14.5	4.1	5.3
Sweden	1214	616	88.4	7.0	4.6	5.7	20.0	5.2	10.2	12.7	9.0	5.7
Table Average (3)	2715	1792	82.3	12.6	5.0	7.3	11.0	8.1	9.9	12.0	5.8	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Solution concentration and rate of dissolving
Location: 2024 Context Data - TQS-20Bf (BTBLS20BF)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	876	57.9	31.1	11.0	13.9	2.5	8.5	12.5	11.8	5.4	5.0
Korea, Rep. of	452	301	72.7	5.3	22.0	2.2	10.5	7.6	14.2	10.4	5.6	5.3
Sweden	1214	612	68.3	8.7	23.0	5.9	20.0	6.3	5.9	4.9	8.9	5.7
Table Average (3)	2715	1789	66.3	15.0	18.7	7.4	11.0	7.5	10.9	9.0	6.6	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Properties of acids and bases
Location: 2024 Context Data - TQS-20Bg (BTBLS20BG)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	871	49.6	44.3	6.0	14.2	2.5	8.9	11.5	11.8	4.7	5.0
Korea, Rep. of	452	300	39.0	12.2	48.9	2.5	10.5	5.9	11.8	10.0	5.0	5.3
Sweden	1214	620	77.8	19.6	2.7	5.3	20.0	6.2	6.0	1.7	8.1	5.7
Table Average (3)	2715	1791	55.5	25.4	19.2	7.3	11.0	7.0	9.8	7.8	5.9	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Matter and energy in chemical reactions,
including evidence of chemical change
Location: 2024 Context Data - TQS-20Bh (BTBLS20BH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	879	42.3	37.4	20.3	13.5	2.5	7.2	11.4	13.6	5.5	5.0
Korea, Rep. of	452	301	18.8	72.5	8.7	2.2	10.5	7.3	9.0	8.5	5.6	5.3
Sweden	1214	618	47.8	38.7	13.5	5.3	20.0	5.7	7.5	3.0	7.8	5.7
Table Average (3)	2715	1798	36.3	49.5	14.2	7.0	11.0	6.7	9.3	8.4	6.3	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: How to change the rate of chemical reactions
Location: 2024 Context Data - TQS-20Bi (BTBLS20Bi)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	878	37.3	33.6	29.1	13.4	2.5	9.0	9.6	12.0	5.3	5.0
Korea, Rep. of	452	301	18.5	22.5	59.0	2.2	10.5	8.2	8.8	8.6	5.6	5.3
Sweden	1214	615	48.6	26.3	25.1	5.6	20.0	4.7	6.8	7.4	9.2	5.7
Table Average (3)	2715	1794	34.8	27.5	37.7	7.1	11.0	7.3	8.4	9.4	6.7	5.3

Question: When students in this class have been taught each of the following science topics. Chemistry: Chemical bonds (e.g., role of electrons)
Location: 2024 Context Data - TQS-20Bj (BTBLS20BJ)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	874	52.0	37.4	10.6	13.8	2.5	7.7	13.2	10.3	5.8	5.0
Korea, Rep. of	452	301	21.2	23.0	55.8	2.2	10.5	8.4	6.0	9.8	5.6	5.3
Sweden	1214	623	27.6	63.2	9.2	5.1	20.0	5.5	6.5	3.9	8.3	5.7
Table Average (3)	2715	1798	33.6	41.2	25.2	7.0	11.0	7.2	8.6	8.0	6.6	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Separation and motion of atoms/molecules in solids, liquids, and gases

Location: 2024 Context Data - TQS-20Ca (BTBLS20CA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	855	62.2	27.1	10.7	16.0	2.5	11.3	4.6	15.6	6.8	5.0
Korea, Rep. of	452	303	88.1	8.8	3.1	1.8	10.5	7.7	13.9	15.5	9.8	5.3
Sweden	1214	611	81.0	13.2	5.8	5.7	20.0	6.8	4.7	-0.1	6.9	5.7
Table Average (3)	2715	1769	77.1	16.3	6.5	7.9	11.0	8.6	7.7	10.3	7.8	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Characteristics of matter and energy during state changes
Location: 2024 Context Data - TQS-20Cb (BTBLS20CB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	853	56.5	30.5	13.1	16.4	2.5	9.5	7.4	17.3	7.3	5.0
Korea, Rep. of	452	303	87.0	12.4	0.6	1.8	10.5	7.3	17.0	5.5	9.8	5.3
Sweden	1214	609	85.3	11.9	2.7	6.1	20.0	6.7	1.0	7.9	6.8	5.7
Table Average (3)	2715	1765	76.3	18.3	5.5	8.1	11.0	7.9	8.5	10.2	8.0	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Types of energy (e.g., kinetic, potential, thermal) and examples of energy transformations

Location: 2024 Context Data - TQS-20Cc (BTBLS20CC)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	841	55.7	31.5	12.8	17.6	2.5	9.6	8.7	15.1	6.6	5.0
Korea, Rep. of	452	303	24.5	74.2	1.3	1.8	10.5	6.4	9.4	-2.1	9.8	5.3
Sweden	1214	609	54.0	36.0	10.1	6.1	20.0	5.7	6.7	5.9	7.0	5.7
Table Average (3)	2715	1753	44.7	47.2	8.0	8.5	11.0	7.2	8.3	6.3	7.8	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Thermal conductivity and the transfer of thermal energy between objects of different temperatures

Location: 2024 Context Data - TQS-20Cd (BTBLS20CD)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	846	54.9	30.9	14.2	16.9	2.5	9.5	9.5	12.0	7.3	5.0
Korea, Rep. of	452	303	85.5	7.1	7.5	1.8	10.5	7.9	7.2	17.1	9.8	5.3
Sweden	1214	610	82.3	9.5	8.2	6.0	20.0	6.3	-2.9	14.7	6.7	5.7
Table Average (3)	2715	1759	74.2	15.8	10.0	8.2	11.0	7.9	4.6	14.6	7.9	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Reflection, refraction, or absorption of light
Location: 2024 Context Data - TQS-20Ce (BTBLS20CE)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	850	47.6	45.1	7.3	16.5	2.5	8.0	11.7	11.2	6.9	5.0
Korea, Rep. of	452	303	90.7	4.3	5.0	1.8	10.5	8.6	9.6	5.1	9.8	5.3
Sweden	1214	607	70.6	22.9	6.4	6.3	20.0	6.7	3.9	5.3	8.1	5.7
Table Average (3)	2715	1760	69.6	24.1	6.2	8.2	11.0	7.8	8.4	7.2	8.3	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Characteristics of sound (i.e., amplitude, frequency) and its transmission, reflection, and absorption

Location: 2024 Context Data - TQS-20Cf (BTBLS20CF)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	848	59.6	25.3	15.1	16.6	2.5	10.3	8.9	10.6	6.7	5.0
Korea, Rep. of	452	303	88.2	4.3	7.5	1.8	10.5	8.6	10.3	6.7	9.8	5.3
Sweden	1214	607	76.8	15.6	7.6	6.2	20.0	6.5	3.8	6.5	6.6	5.7
Table Average (3)	2715	1758	74.8	15.1	10.1	8.2	11.0	8.5	7.7	7.9	7.7	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Electrical conductors and simple electrical circuits
Location: 2024 Context Data - TQS-20Cg (BTBLS20CG)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	845	66.3	23.4	10.3	17.4	2.5	10.6	10.5	7.8	5.5	5.0
Korea, Rep. of	452	302	81.7	8.1	10.2	2.0	10.5	8.0	6.6	14.0	9.2	5.3
Sweden	1214	607	74.7	21.2	4.1	6.2	20.0	6.1	6.2	5.5	6.6	5.7
Table Average (3)	2715	1754	74.2	17.6	8.2	8.5	11.0	8.2	7.8	9.1	7.1	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Polarity, strength, and uses of permanent magnets and electromagnets

Location: 2024 Context Data - TQS-20Ch (BTBLS20CH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	841	61.6	26.2	12.2	17.2	2.5	11.3	8.0	6.0	7.7	5.0
Korea, Rep. of	452	303	53.3	14.7	32.0	1.8	10.5	7.9	4.6	11.3	9.8	5.3
Sweden	1214	607	67.7	21.5	10.9	6.2	20.0	5.9	5.4	8.7	6.6	5.7
Table Average (3)	2715	1751	60.8	20.8	18.4	8.4	11.0	8.4	6.0	8.7	8.0	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Speed as distance changing over time
Location: 2024 Context Data - TQS-20Ci (BTBLS20CI)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	848	54.8	38.2	7.1	16.8	2.5	8.9	11.7	7.2	7.3	5.0
Korea, Rep. of	452	303	21.4	72.4	6.2	1.8	10.5	3.9	9.7	10.5	9.8	5.3
Sweden	1214	607	79.1	15.8	5.1	6.2	20.0	6.9	0.5	11.7	6.6	5.7
Table Average (3)	2715	1758	51.8	42.1	6.1	8.3	11.0	6.6	7.3	9.8	7.9	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Acceleration as speed changing over time
Location: 2024 Context Data - TQS-20Cj (BTBLS20CJ)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	844	49.3	42.9	7.8	17.2	2.5	9.2	9.8	15.8	6.8	5.0
Korea, Rep. of	452	303	13.5	47.2	39.3	1.8	10.5	2.6	10.6	8.0	9.8	5.3
Sweden	1214	610	78.3	16.4	5.2	6.0	20.0	6.6	1.6	12.1	6.7	5.7
Table Average (3)	2715	1757	47.0	35.5	17.4	8.3	11.0	6.2	7.3	12.0	7.8	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Effects of common forces on speed and direction of motion
Location: 2024 Context Data - TQS-20Ck (BTBLS20CK)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	848	45.5	39.9	14.6	16.6	2.5	8.2	11.5	12.1	6.4	5.0
Korea, Rep. of	452	301	25.2	52.8	22.0	2.3	10.5	5.6	11.2	5.6	7.1	5.3
Sweden	1214	607	75.9	17.7	6.4	6.2	20.0	6.6	3.1	8.3	6.6	5.7
Table Average (3)	2715	1756	48.9	36.8	14.3	8.4	11.0	6.8	8.6	8.7	6.7	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Density and buoyancy
Location: 2024 Context Data - TQS-20C1 (BTBLS20CL)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	849	52.1	34.2	13.8	16.7	2.5	10.1	8.9	11.6	7.0	5.0
Korea, Rep. of	452	303	90.4	5.9	3.7	2.0	10.5	8.5	8.5	7.6	11.8	5.3
Sweden	1214	606	86.5	9.5	3.9	7.1	20.0	6.1	3.8	5.8	8.7	5.7
Table Average (3)	2715	1758	76.3	16.5	7.2	8.6	11.0	8.3	7.0	8.3	9.2	5.3

Question: When students in this class have been taught each of the following science topics. Physics: Functioning of simple machines (e.g., levers, inclined planes, pulleys)

Location: 2024 Context Data - TQS-20Cm (BTBLS20CM)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	845	43.5	45.4	11.1	17.1	2.5	8.5	10.7	10.5	8.1	5.0
Korea, Rep. of	452	303	51.2	10.1	38.7	1.8	10.5	6.9	11.2	9.9	9.8	5.3
Sweden	1214	607	68.3	19.9	11.7	6.2	20.0	6.0	2.5	12.7	6.8	5.7
Table Average (3)	2715	1755	54.3	25.2	20.5	8.4	11.0	7.2	8.1	11.0	8.2	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Earth's structure and distribution of water on its surface

Location: 2024 Context Data - TQS-20Da (BTBLS20DA)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	862	60.6	32.6	6.8	14.6	2.5	11.4	9.6	0.9	5.6	5.0
Korea, Rep. of	452	300	93.4	5.2	1.4	3.5	10.5	8.3	8.8	19.1	10.0	5.3
Sweden	1214	566	58.2	7.7	34.1	12.7	20.0	5.7	0.8	6.7	8.8	5.7
Table Average (3)	2715	1728	70.7	15.2	14.1	10.3	11.0	8.5	6.4	8.9	8.1	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Gases present in Earth's atmosphere and their relative abundance
Location: 2024 Context Data - TQS-20Db (BTBLS20DB)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	854	48.6	44.2	7.2	15.2	2.5	10.6	11.7	-1.6	5.3	5.0
Korea, Rep. of	452	300	58.0	35.6	6.4	3.6	10.5	7.5	10.4	10.2	3.9	5.3
Sweden	1214	577	71.8	17.3	10.9	10.6	20.0	5.1	7.3	9.2	7.6	5.7
Table Average (3)	2715	1731	59.5	32.4	8.2	9.8	11.0	7.7	9.8	6.0	5.6	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Changes in temperature and pressure based on altitude
Location: 2024 Context Data - TQS-20Dc (BTBLS20DC)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	857	48.4	39.6	12.1	14.6	2.5	9.9	10.7	9.3	5.4	5.0
Korea, Rep. of	452	300	44.8	49.8	5.4	3.4	10.5	7.7	9.2	8.5	9.6	5.3
Sweden	1214	576	76.7	9.7	13.7	10.8	20.0	5.1	5.5	11.2	7.3	5.7
Table Average (3)	2715	1733	56.6	33.0	10.4	9.6	11.0	7.6	8.4	9.7	7.4	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: How geological events impact Earth's surface
Location: 2024 Context Data - TQS-20Dd (BTBLS20DD)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	858	52.3	35.5	12.2	14.9	2.5	11.7	9.5	6.2	4.7	5.0
Korea, Rep. of	452	301	68.0	3.1	28.9	3.2	10.5	8.0	9.3	9.7	8.6	5.3
Sweden	1214	567	47.5	9.7	42.8	11.8	20.0	7.3	0.8	5.2	8.2	5.7
Table Average (3)	2715	1726	55.9	16.1	28.0	10.0	11.0	9.0	6.6	7.1	7.2	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Processes in the rock cycle (e.g., lava cooling, weathering)

Location: 2024 Context Data - TQS-20De (BTBLS20DE)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	855	48.8	36.3	14.9	15.4	2.5	11.6	7.7	13.8	3.6	5.0
Korea, Rep. of	452	301	94.0	2.4	3.5	3.2	10.5	7.9	9.6	23.7	8.6	5.3
Sweden	1214	567	45.0	3.8	51.2	11.9	20.0	6.3	-4.0	6.0	8.3	5.7
Table Average (3)	2715	1723	62.6	14.2	23.2	10.2	11.0	8.6	4.4	14.5	6.8	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: How fossils form and what they show about Earth's history
Location: 2024 Context Data - TQS-20Df (BTBLS20DF)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	854	58.6	29.7	11.8	15.6	2.5	11.7	9.6	4.1	5.3	5.0
Korea, Rep. of	452	300	73.4	2.5	24.2	3.5	10.5	7.6	9.6	11.3	8.5	5.3
Sweden	1214	572	42.7	31.9	25.4	11.6	20.0	6.4	4.4	6.1	8.9	5.7
Table Average (3)	2715	1726	58.2	21.4	20.4	10.2	11.0	8.6	7.9	7.2	7.6	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Processes in Earth's water cycle
Location: 2024 Context Data - TQS-20Dg (BTBLS20DG)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	852	56.8	35.9	7.3	15.5	2.5	11.0	9.0	6.3	6.8	5.0
Korea, Rep. of	452	299	76.1	14.6	9.3	3.9	10.5	7.8	10.9	12.6	4.6	5.3
Sweden	1214	565	73.6	15.0	11.3	11.5	20.0	5.9	0.3	11.3	8.8	5.7
Table Average (3)	2715	1716	68.8	21.9	9.3	10.3	11.0	8.3	6.7	10.1	6.7	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Differences between weather and climate change and geographic factors affecting climate

Location: 2024 Context Data - TQS-20Dh (BTBLS20DH)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	853	53.9	32.2	13.9	15.7	2.5	10.0	10.5	11.1	4.8	5.0
Korea, Rep. of	452	300	28.1	52.8	19.1	3.6	10.5	8.7	7.8	10.4	7.4	5.3
Sweden	1214	576	64.1	11.9	24.0	10.7	20.0	4.4	6.6	8.9	8.5	5.7
Table Average (3)	2715	1729	48.7	32.3	19.0	10.0	11.0	7.7	8.3	10.1	6.9	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Evidence for climate change
Location: 2024 Context Data - TQS-20Di (BTBLS20DI)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	855	49.2	33.4	17.4	15.3	2.5	10.3	10.4	9.7	5.2	5.0
Korea, Rep. of	452	301	29.6	44.4	26.0	3.2	10.5	7.3	8.1	10.7	8.6	5.3
Sweden	1214	572	47.9	34.4	17.7	10.9	20.0	4.0	7.8	7.3	7.7	5.7
Table Average (3)	2715	1728	42.2	37.4	20.4	9.8	11.0	7.2	8.8	9.2	7.2	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Use and conservation of Earth's resources, including land, water, and renewable and nonrenewable energy sources

Location: 2024 Context Data - TQS-20Dj (BTBLS20DJ)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	855	55.5	35.5	9.0	15.5	2.5	10.5	9.8	9.6	5.4	5.0
Korea, Rep. of	452	301	50.4	15.2	34.4	3.5	10.5	10.0	6.5	7.4	7.4	5.3
Sweden	1214	577	40.8	44.8	14.3	10.4	20.0	4.0	7.5	5.4	8.8	5.7
Table Average (3)	2715	1733	48.9	31.8	19.3	9.8	11.0	8.2	7.9	7.5	7.2	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: Phenomena caused by the motion of Earth and the Moon (e.g., seasons, tides, Moon phases)

Location: 2024 Context Data - TQS-20Dk (BTBLS20DK)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	856	51.0	34.5	14.4	15.1	2.5	11.3	12.7	0.5	5.1	5.0
Korea, Rep. of	452	301	84.6	11.6	3.8	3.2	10.5	8.3	7.9	16.3	8.6	5.3
Sweden	1214	577	69.8	9.2	21.0	10.6	20.0	6.0	4.1	5.8	8.3	5.7
Table Average (3)	2715	1734	68.5	18.4	13.1	9.6	11.0	8.5	8.2	7.6	7.3	5.3

Question: When students in this class have been taught each of the following science topics. Earth Science: The Sun as a star and physical features of the Earth, Moon, and other planets
Location: 2024 Context Data - TQS-20D1 (BTBLS20DL)

Country	Sample	Valid N	1.Most ly taught before this year %	2.Most ly taught this year %	3.Not yet taught %	Omitte d %	Not Admini stered %	1.Most ly taught before this year Mean	2.Most ly taught this year Mean	3.Not yet taught Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	857	45.0	42.1	12.9	15.2	2.5	6.9	14.3	8.9	4.8	5.0
Korea, Rep. of	452	299	78.3	18.4	3.3	3.7	10.5	9.3	5.1	11.3	7.6	5.3
Sweden	1214	577	45.1	22.9	32.0	10.5	20.0	6.1	5.4	5.8	8.4	5.7
Table Average (3)	2715	1733	56.1	27.8	16.1	9.8	11.0	7.4	8.3	8.7	6.9	5.3

Question: How often do you usually assign science homework to the students in this class?
Location: 2024 Context Data - TQS-21A (BTBLS21A)

Country	Sample	Valid N	1.No scienc e homewo rk %	2.Less than once a week %	3.1-2 times a week %	4.3-4 times a week %	5.Ever y day %	Omitte d %	Not Admini stered %	1.No scienc e homewo rk Mean	2.Less than once a week Mean	3.1-2 times a week Mean	4.3-4 times a week Mean	5.Ever y day Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	973	1.9	26.5	61.3	8.0	2.4	3.0	2.5	10.8	9.8	10.1	3.4	17.5	1.8	5.0
Korea, Rep. of	452	303	53.4	37.0	7.6	1.6	0.5	2.0	10.5	8.9	9.4	7.1	-22.4	17.8	10.7	5.3
Sweden	1214	654	52.1	42.1	5.4	0.1	0.3	0.8	20.0	8.2	4.1	3.6	18.4	3.5	0.4	5.7
Table Average (3)	2715	1930	35.8	35.2	24.8	3.2	1.0	1.9	11.0	9.3	7.8	6.9	-0.2	12.9	4.3	5.3

Question: How often do you do the following with the science homework assignments for this class? Correct assignments and give feedback to students
Location: 2024 Context Data - TQS-21Ba (BTBLS21BA)

Country	Sample	Valid N	1.Alwa ys or almost always %	2.Some times %	3.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.Alwa ys or almost always Mean	2.Some times Mean	3.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	71.6	26.0	0.3	2.1	12.2	2.5	11.8	1.3	28.4	10.8	11.5	5.0
Korea, Rep. of	452	302	18.4	26.5	1.8	53.3	1.9	10.5	5.7	9.5	12.1	8.9	9.7	5.3
Sweden	1214	648	21.1	21.2	4.9	52.7	1.8	20.0	4.9	2.8	1.4	8.2	13.1	5.7
Table Average (3)	2715	1823	37.0	24.6	2.3	36.0	5.3	11.0	7.5	4.5	14.0	9.3	11.4	5.3

Question: How often do you do the following with the science homework assignments for this class? Have students correct their own homework

Location: 2024 Context Data - TQS-21Bb (BTBLS21BB)

Country	Sample	Valid N	1.Always or almost always %	2.Sometimes %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Sometimes Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Jordan	1049	870	25.0	49.6	23.3	2.1	12.7	2.5	9.0	8.7	10.1	10.8	11.5	5.0
Korea, Rep. of	452	303	23.3	20.6	2.8	53.3	1.8	10.5	7.4	8.4	11.6	8.9	9.8	5.3
Sweden	1214	651	2.8	27.2	17.8	52.2	1.0	20.0	12.4	2.2	5.5	8.2	2.2	5.7
Table Average (3)	2715	1824	17.0	32.5	14.6	35.9	5.2	11.0	9.6	6.4	9.1	9.3	7.8	5.3

Question: How often do you do the following with the science homework assignments for this class? Discuss the homework in class

Location: 2024 Context Data - TQS-21Bc (BTBLS21BC)

Country	Sample	Valid N	1.Alwa ys or almost always %	2.Some times %	3.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.Alwa ys or almost always Mean	2.Some times Mean	3.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	864	72.0	24.9	0.9	2.1	13.2	2.5	10.6	4.4	-0.3	10.8	12.3	5.0
Korea, Rep. of	452	302	9.0	27.1	10.6	53.3	1.9	10.5	1.2	8.9	12.0	8.9	9.7	5.3
Sweden	1214	648	13.0	29.2	5.1	52.7	1.8	20.0	2.4	5.1	-2.1	8.2	13.1	5.7
Table Average (3)	2715	1814	31.3	27.1	5.5	36.1	5.6	11.0	4.7	6.1	3.2	9.3	11.7	5.3

Question: How often do you do the following with the science homework assignments for this class? Monitor whether or not the homework was completed
Location: 2024 Context Data - TQS-21Bd (BTBLS21BD)

Country	Sample	Valid N	1.Alwa ys or almost always %	2.Some times %	3.Neve r or almost never %	Not Applic able %	Omitte d %	Not Admini stered %	1.Alwa ys or almost always Mean	2.Some times Mean	3.Neve r or almost never Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	868	76.1	21.3	0.5	2.1	12.9	2.5	9.5	7.9	-10.3	10.8	11.5	5.0
Korea, Rep. of	452	302	28.6	16.5	1.6	53.3	1.9	10.5	7.5	8.9	10.5	8.9	9.7	5.3
Sweden	1214	645	23.6	15.7	7.8	52.8	1.9	20.0	3.3	7.5	-3.6	8.2	12.5	5.7
Table Average (3)	2715	1815	42.8	17.8	3.3	36.1	5.6	11.0	6.8	8.1	-1.1	9.3	11.2	5.3

Question: How often do you do the following with the science homework assignments for this class? Use the homework to contribute towards students' grades or marks

Location: 2024 Context Data - TQS-21Be (BTBLS21BE)

Country	Sample	Valid N	1.Always or almost always %	2.Some times %	3.Never or almost never %	Not Applicable %	Omitted %	Not Administered %	1.Always or almost always Mean	2.Some times Mean	3.Never or almost never Mean	Not Applicable Mean	Omitted Mean	Not Administered Mean
Jordan	1049	866	63.3	33.2	1.4	2.1	12.8	2.5	9.7	7.4	27.4	10.8	10.7	5.0
Korea, Rep. of	452	303	11.3	13.0	22.5	53.2	1.7	10.5	1.3	11.5	9.5	8.9	9.5	5.3
Sweden	1214	645	8.1	15.7	23.4	52.9	2.1	20.0	5.7	8.2	-0.2	8.2	11.3	5.7
Table Average (3)	2715	1814	27.5	20.6	15.8	36.1	5.5	11.0	5.6	9.0	12.2	9.3	10.5	5.3

Question: When you assign homework in science, how long do you expect it will take the average student in your class to complete?
Location: 2024 Context Data - TQS-21C (BTBLS21C)

Country	Sample	Valid N	1.15 minute s or less %	2.16- 30 minute s %	3.31- 60 minute s %	4.More than 60 minute s %	Not Applic able %	Omitte d %	Not Admini stered %	1.15 minute s or less Mean	2.16- 30 minute s Mean	3.31- 60 minute s Mean	4.More than 60 minute s Mean	Not Applic able Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	909	55.8	34.5	6.2	1.5	2.0	10.4	2.5	8.5	11.5	11.9	26.2	10.8	4.1	5.0
Korea, Rep. of	452	304	21.5	21.0	4.3	0.0	53.2	1.7	10.5	9.1	6.0	13.6	.	8.9	9.6	5.3
Sweden	1214	651	15.7	20.4	9.7	1.6	52.5	1.5	20.0	3.9	3.2	5.4	7.2	8.2	4.0	5.7
Table Average (3)	2715	1864	31.0	25.3	6.8	1.0	35.9	4.5	11.0	7.2	6.9	10.3	16.7	9.3	5.9	5.3

Question: How much importance do you place on these strategies to assess students' learning in science? Observing students as they work
Location: 2024 Context Data - TQS-22a (BTBLS22A)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	967	85.7	14.2	0.0	4.0	2.5	11.1	1.6	10.3	1.6	5.0
Korea, Rep. of	452	303	46.2	48.1	5.8	1.8	10.5	7.3	10.4	1.8	9.8	5.3
Sweden	1214	651	56.6	38.6	4.7	1.0	20.0	6.6	6.5	-1.2	2.2	5.7
Table Average (3)	2715	1921	62.9	33.6	3.5	2.3	11.0	8.4	6.2	3.6	4.5	5.3

Question: How much importance do you place on these strategies to assess students' learning in science? Asking students to answer questions during class

Location: 2024 Context Data - TQS-22b (BTBLS22B)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	962	83.2	16.6	0.2	4.4	2.5	11.1	3.6	0.6	1.5	5.0
Korea, Rep. of	452	302	55.8	38.0	6.2	2.0	10.5	8.1	8.9	9.4	10.4	5.3
Sweden	1214	653	46.3	51.4	2.3	0.9	20.0	4.6	7.7	4.8	1.9	5.7
Table Average (3)	2715	1917	61.8	35.3	2.9	2.4	11.0	7.9	6.7	4.9	4.6	5.3

Question: How much importance do you place on these strategies to assess students' learning in science? Short, regular written assessments
Location: 2024 Context Data - TQS-22c (BTBLS22C)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	961	54.6	43.6	1.8	4.4	2.5	11.9	7.2	5.6	2.8	5.0
Korea, Rep. of	452	304	29.0	49.6	21.4	1.7	10.5	9.8	7.3	9.6	9.6	5.3
Sweden	1214	647	32.0	57.6	10.5	1.4	20.0	8.2	4.5	10.5	-3.8	5.7
Table Average (3)	2715	1912	38.5	50.3	11.2	2.5	11.0	10.0	6.3	8.5	2.9	5.3

Question: How much importance do you place on these strategies to assess students' learning in science? Longer tests (e.g., unit tests or exams)
Location: 2024 Context Data - TQS-22d (BTBLS22D)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	960	70.7	28.4	1.0	4.6	2.5	9.6	9.7	19.1	3.4	5.0
Korea, Rep. of	452	303	76.9	21.4	1.8	1.8	10.5	8.2	8.5	22.0	9.8	5.3
Sweden	1214	650	84.3	15.4	0.3	1.1	20.0	6.7	3.5	3.0	2.6	5.7
Table Average (3)	2715	1913	77.3	21.7	1.0	2.5	11.0	8.2	7.2	14.7	5.2	5.3

Question: How much importance do you place on these strategies to assess students' learning in science? Long-term projects
Location: 2024 Context Data - TQS-22e (BTBLS22E)

Country	Sample	Valid N	1.A lot %	2.Some %	3.None %	Omitte d %	Not Admini stered %	1.A lot Mean	2.Some Mean	3.None Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	961	34.8	46.6	18.6	4.6	2.5	13.5	7.5	8.1	3.3	5.0
Korea, Rep. of	452	303	11.0	48.8	40.1	1.8	10.5	9.0	7.1	10.0	9.8	5.3
Sweden	1214	648	35.8	53.8	10.4	1.2	20.0	6.2	5.9	7.4	2.4	5.7
Table Average (3)	2715	1912	27.2	49.7	23.0	2.6	11.0	9.6	6.9	8.5	5.2	5.3

Question: In the past two years, have you participated in professional development in any of the following? Science content

Location: 2024 Context Data - TQS-23Aa (BTBLS23AA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	963	41.4	58.6	4.6	2.5	11.6	8.8	-2.0	5.0
Korea, Rep. of	452	304	62.7	37.3	1.7	10.5	8.7	8.2	9.6	5.3
Sweden	1214	651	31.2	68.8	1.1	20.0	6.0	6.4	-1.8	5.7
Table Average (3)	2715	1918	45.1	54.9	2.4	11.0	8.8	7.8	1.9	5.3

Question: Do you need future professional development in any of the following? Science content
Location: 2024 Context Data - TQS-23Ba (BTBLS23BA)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	879	49.4	50.6	11.9	2.5	9.4	9.7	8.5	5.0
Korea, Rep. of	452	301	71.8	28.2	2.6	10.5	10.2	4.9	3.3	5.3
Sweden	1214	639	44.0	56.0	2.4	20.0	5.2	7.4	-3.1	5.7
Table Average (3)	2715	1819	55.1	44.9	5.6	11.0	8.3	7.3	2.9	5.3

Question: In the past two years, have you participated in professional development in any of the following? Science pedagogy/instruction

Location: 2024 Context Data - TQS-23Ab (BTBLS23AB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	958	54.8	45.2	5.2	2.5	11.5	8.4	-2.0	5.0
Korea, Rep. of	452	304	67.1	32.9	1.7	10.5	8.5	8.6	9.6	5.3
Sweden	1214	651	24.1	75.9	1.1	20.0	5.6	6.5	-1.8	5.7
Table Average (3)	2715	1913	48.6	51.4	2.6	11.0	8.5	7.8	1.9	5.3

Question: Do you need future professional development in any of the following? Science pedagogy/instruction
Location: 2024 Context Data - TQS-23Bb (BTBLS23BB)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	870	46.6	53.4	12.6	2.5	11.1	8.2	8.6	5.0
Korea, Rep. of	452	301	75.1	24.9	2.6	10.5	10.4	3.6	3.3	5.3
Sweden	1214	638	53.4	46.6	2.5	20.0	8.1	4.5	-3.1	5.7
Table Average (3)	2715	1809	58.4	41.6	5.9	11.0	9.9	5.4	2.9	5.3

Question: In the past two years, have you participated in professional development in any of the following? Science curriculum
Location: 2024 Context Data - TQS-23Ac (BTBLS23AC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	951	43.9	56.1	5.7	2.5	11.9	8.5	0.0	5.0
Korea, Rep. of	452	304	58.0	42.0	1.7	10.5	9.2	7.5	9.6	5.3
Sweden	1214	647	46.5	53.5	1.5	20.0	7.2	5.6	-4.1	5.7
Table Average (3)	2715	1902	49.5	50.5	2.9	11.0	9.5	7.2	1.8	5.3

Question: Do you need future professional development in any of the following? Science curriculum
Location: 2024 Context Data - TQS-23Bc (BTBLS23BC)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	875	46.7	53.3	12.5	2.5	8.3	10.1	10.6	5.0
Korea, Rep. of	452	301	70.8	29.2	2.6	10.5	10.4	4.5	3.3	5.3
Sweden	1214	632	27.6	72.4	3.4	20.0	6.0	6.8	-3.1	5.7
Table Average (3)	2715	1808	48.3	51.7	6.2	11.0	8.2	7.1	3.6	5.3

Question: In the past two years, have you participated in professional development in any of the following? Integrating technology into science instruction

Location: 2024 Context Data - TQS-23Ad (BTBLS23AD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	957	51.8	48.2	5.7	2.5	10.1	9.3	4.9	5.0
Korea, Rep. of	452	304	58.6	41.4	1.7	10.5	9.9	6.5	9.6	5.3
Sweden	1214	648	11.6	88.4	1.2	20.0	16.8	4.9	-1.5	5.7
Table Average (3)	2715	1909	40.7	59.3	2.9	11.0	12.3	6.9	4.3	5.3

Question: Do you need future professional development in any of the following? Integrating technology into science instruction
Location: 2024 Context Data - TQS-23Bd (BTBLS23BD)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	52.4	47.6	12.4	2.5	8.8	9.8	10.3	5.0
Korea, Rep. of	452	301	78.1	21.9	2.5	10.5	8.8	8.7	1.0	5.3
Sweden	1214	635	47.2	52.8	3.5	20.0	6.7	5.9	3.3	5.7
Table Average (3)	2715	1809	59.2	40.8	6.1	11.0	8.1	8.1	4.9	5.3

Question: In the past two years, have you participated in professional development in any of the following? Improving students' critical thinking or inquiry skills

Location: 2024 Context Data - TQS-23Ae (BTBLS23AE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	957	53.0	47.0	5.3	2.5	12.1	7.1	3.7	5.0
Korea, Rep. of	452	303	42.2	57.8	1.8	10.5	8.9	8.2	10.6	5.3
Sweden	1214	648	6.7	93.3	1.2	20.0	7.7	6.2	-1.5	5.7
Table Average (3)	2715	1908	34.0	66.0	2.8	11.0	9.6	7.2	4.3	5.3

Question: Do you need future professional development in any of the following? Improving students' critical thinking or inquiry skills
Location: 2024 Context Data - TQS-23Be (BTBLS23BE)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	867	50.6	49.4	12.7	2.5	8.6	10.2	9.5	5.0
Korea, Rep. of	452	300	81.4	18.6	2.9	10.5	9.5	4.9	4.3	5.3
Sweden	1214	636	56.5	43.5	2.6	20.0	7.3	5.3	-2.5	5.7
Table Average (3)	2715	1803	62.8	37.2	6.1	11.0	8.5	6.8	3.8	5.3

Question: In the past two years, have you participated in professional development in any of the following? Science assessment
Location: 2024 Context Data - TQS-23Af (BTBLS23AF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	953	46.1	53.9	5.7	2.5	12.2	8.2	-0.6	5.0
Korea, Rep. of	452	304	54.9	45.1	1.7	10.5	8.0	9.2	9.6	5.3
Sweden	1214	651	32.6	67.4	1.1	20.0	8.2	5.3	-1.8	5.7
Table Average (3)	2715	1908	44.5	55.5	2.8	11.0	9.4	7.6	2.4	5.3

Question: Do you need future professional development in any of the following? Science assessment
Location: 2024 Context Data - TQS-23Bf (BTBLS23BF)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	870	45.0	55.0	12.1	2.5	8.4	10.1	10.0	5.0
Korea, Rep. of	452	301	72.7	27.3	2.5	10.5	9.8	6.0	1.0	5.3
Sweden	1214	634	41.8	58.2	3.6	20.0	4.6	7.5	3.2	5.7
Table Average (3)	2715	1805	53.1	46.9	6.1	11.0	7.6	7.9	4.7	5.3

Question: In the past two years, have you participated in professional development in any of the following? Addressing individual students' needs
Location: 2024 Context Data - TQS-23Ag (BTBLS23AG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	959	50.0	50.0	4.7	2.5	11.7	8.3	-2.0	5.0
Korea, Rep. of	452	304	33.4	66.6	1.7	10.5	6.1	9.7	9.6	5.3
Sweden	1214	647	36.8	63.2	1.3	20.0	9.1	4.6	-2.6	5.7
Table Average (3)	2715	1910	40.1	59.9	2.6	11.0	9.0	7.6	1.7	5.3

Question: Do you need future professional development in any of the following? Addressing individual students' needs
Location: 2024 Context Data - TQS-23Bg (BTBLS23BG)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	879	43.9	56.1	11.8	2.5	7.9	10.8	8.9	5.0
Korea, Rep. of	452	301	63.6	36.4	2.5	10.5	11.0	4.8	1.0	5.3
Sweden	1214	638	49.5	50.5	2.5	20.0	5.3	7.5	-3.1	5.7
Table Average (3)	2715	1818	52.3	47.7	5.6	11.0	8.1	7.7	2.3	5.3

Question: In the past two years, have you participated in professional development in any of the following? Integrating environmentalism and sustainability into science instruction

Location: 2024 Context Data - TQS-23Ah (BTBLS23AH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	955	49.8	50.2	5.3	2.5	12.8	7.3	-1.6	5.0
Korea, Rep. of	452	303	40.0	60.0	2.0	10.5	7.4	9.2	9.1	5.3
Sweden	1214	645	12.6	87.4	2.0	20.0	7.0	6.1	2.3	5.7
Table Average (3)	2715	1903	34.1	65.9	3.1	11.0	9.1	7.6	3.3	5.3

Question: Do you need future professional development in any of the following? Integrating environmentalism and sustainability into science instruction
Location: 2024 Context Data - TQS-23Bh (BTBLS23BH)

Country	Sample	Valid N	1.Yes %	2.No %	Omitte d %	Not Admini stered %	1.Yes Mean	2.No Mean	Omitte d Mean	Not Admini stered Mean
Jordan	1049	873	47.4	52.6	12.7	2.5	8.1	10.5	10.1	5.0
Korea, Rep. of	452	302	74.2	25.8	2.1	10.5	10.1	4.5	3.8	5.3
Sweden	1214	638	52.8	47.2	2.5	20.0	6.8	6.0	-3.1	5.7
Table Average (3)	2715	1813	58.1	41.9	5.8	11.0	8.3	7.0	3.6	5.3

Question: Teachers Majored in Science and Science Education
Location: 2024 Context Data - Derived (BTDLSMSE)

Country	Sample	Valid N	1.Sci and sci edu %	2.Sci but no sci edu %	3.Sci edu but no sci %	4.All other majors %	5.No formal edu beyond upper sec %	Not admini stered %	Omitte d %	1.Sci and sci edu Mean	2.Sci but no sci edu Mean	3.Sci edu but no sci Mean	4.All other majors Mean	5.No formal edu beyond upper sec Mean	Not admini stered Mean	Omitte d Mean
Jordan	1049	993	12.9	77.8	2.3	2.2	4.8	0.0	3.4	13.0	9.7	-2.2	4.4	1.6	.	7.5
Korea, Rep. of	452	307	31.1	56.7	10.0	2.2	0.0	0.0	11.0	8.7	9.0	4.9	10.9	.	.	5.6
Sweden	1214	619	48.6	29.3	17.5	2.4	2.2	0.0	23.7	6.8	6.2	3.9	15.1	-8.7	.	6.3
Table Average (3)	2715	1919	30.9	54.6	9.9	2.3	2.4	0.0	12.7	9.5	8.3	2.2	10.1	-3.6	.	6.4

Question: Science Instruction Hours per Week
Location: 2024 Context Data - Derived (BTDLSHW)

Country	Sample	Valid N	Not Appli cable %	Omitt ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	1041	99.1	0.0	0.1	2.2	0.1	0.8	0.8	0.8	2.0	3.0	3.8	3.8	11.7
Korea, Rep. of	452	308	0.0	0.6	10.5	2.3	0.0	0.1	0.8	1.5	2.3	3.0	3.0	3.0	15.0
Sweden	1214	1214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Table Average (3)	2715	2563	66.4	0.2	3.5	2.3	0.0	0.4	0.8	1.1	2.1	3.0	3.4	3.4	13.3

Question: Biology Instruction Hours per Week
Location: 2024 Context Data - Derived (BTDLBHW)

Country	Sample	Valid N	Not Appli cable %	Omitten ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	975	74.4	2.9	2.5	1.4	0.0	0.6	0.7	0.8	0.8	1.5	2.9	3.8	14.3
Korea, Rep. of	452	452	100.0	0.0	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Sweden	1214	661	67.4	0.3	20.0	1.0	0.1	0.7	0.7	0.8	0.8	1.1	1.4	1.7	6.0
Table Average (3)	2715	2088	80.6	1.1	7.5	1.2	0.1	0.6	0.7	0.8	0.8	1.3	2.2	2.7	10.1

Question: Chemistry Instruction Hours per Week
Location: 2024 Context Data - Derived (BTDLCHW)

Country	Sample	Valid N	Not Appli cable %	Omitten ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	975	74.1	2.9	2.5	1.3	0.0	0.5	0.7	0.8	0.8	1.5	2.3	3.8	8.3
Korea, Rep. of	452	452	100.0	0.0	0.0	.1	.1	.7	.7	.8	.9	1.1	1.7	2.5	.1
Sweden	1214	661	66.2	0.3	20.0	1.1	0.1	0.7	0.7	0.8	0.9	1.1	1.7	2.5	6.0
Table Average (3)	2715	2088	80.1	1.1	7.5	1.2	0.0	0.6	0.7	0.8	0.8	1.3	2.0	3.1	7.2

Question: Physics Instruction Hours per Week
Location: 2024 Context Data - Derived (BTDLPHW)

Country	Sample	Valid N	Not Appli cable %	Omited %	Not Admin istered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	975	74.1	2.9	2.5	1.6	0.0	0.3	0.8	1.3	1.5	1.7	3.0	3.8	5.0
Korea, Rep. of	452	452	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	1214	661	66.4	0.3	20.0	1.1	0.1	0.7	0.7	0.8	0.8	1.1	1.7	2.4	6.0
Table Average (3)	2715	2088	80.2	1.1	7.5	1.4	0.1	0.5	0.7	1.1	1.2	1.4	2.3	3.1	5.5

Question: Earth Science Instruction Hours per Week
Location: 2024 Context Data - Derived (BTDLEHW)

Country	Sample	Valid N	Not Appli cable %	Omitten ed %	Not Admin ister ed %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	975	74.5	2.9	2.5	1.2	0.0	0.5	0.7	0.8	0.8	1.5	2.0	3.3	12.0
Korea, Rep. of	452	452	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Sweden	1214	1214	100.0	0.0	0.0	.	.	.	.	.	.	.	.	.	.
Table Average (3)	2715	2641	91.5	1.0	0.8	1.2	0.0	0.5	0.7	0.8	0.8	1.5	2.0	3.3	12.0

Question: School Emphasis on Academic Success - Teachers' Reports
Location: 2024 Context Data - Scale (BTBLGEAS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	996	0.3	2.5	10.4	1.2	6.8	7.6	8.6	10.0	12.0	13.8	14.7	17.6
Korea, Rep. of	452	309	0.2	10.5	11.2	5.6	7.6	7.9	9.7	11.4	12.3	14.7	17.6	17.6
Sweden	1214	615	4.2	20.0	9.9	4.5	7.2	7.9	9.0	10.0	11.0	12.3	13.0	14.2
Table Average (3)	2715	1920	1.6	11.0	10.5	3.8	7.2	7.8	9.1	10.5	11.8	13.6	15.1	16.5

Question: School Emphasis on Academic Success - Teachers' Reports
Location: 2024 Context Data - Index (BTDLGEAS)

Country	Sample	Valid N	1.Very high emphas is %	2.High emphas is %	3.Medi um emphas is %	Not admini stered %	Omitte d %	1.Very high emphas is Mean	2.High emphas is Mean	3.Medi um emphas is Mean	Not admini stered Mean	Omitte d Mean
Jordan	1049	996	10.2	44.3	45.5	2.5	0.3	17.5	10.4	7.1	5.0	-42.8
Korea, Rep. of	452	309	15.4	56.3	28.3	10.5	0.2	7.5	6.7	12.8	5.3	10.4
Sweden	1214	615	0.5	50.2	49.2	20.0	4.2	22.7	8.4	3.9	5.7	3.9
Table Average (3)	2715	1920	8.7	50.3	41.0	11.0	1.6	15.9	8.5	7.9	5.3	-9.5

Question: Teachers' Job Satisfaction
Location: 2024 Context Data - Scale (BTBLGTJS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	991	0.8	2.5	10.1	5.1	6.6	7.5	8.6	10.2	12.2	12.2	12.2	12.2
Korea, Rep. of	452	308	0.5	10.5	9.0	5.1	5.1	6.1	8.0	8.6	10.6	12.2	12.2	12.2
Sweden	1214	617	4.0	20.0	9.7	5.1	6.6	7.1	8.6	9.7	11.2	12.2	12.2	12.2
Table Average (3)	2715	1916	1.8	11.0	9.6	5.1	6.1	6.9	8.4	9.5	11.3	12.2	12.2	12.2

Question: Teachers' Job Satisfaction
Location: 2024 Context Data - Index (BTDLGTJS)

Country	Sample	Valid N	1.Very satisf ied %	2.Some what satisf ied %	3.Less than satisf ied %	Not admini stered %	Omitte d %	1.Very satisf ied Mean	2.Some what satisf ied Mean	3.Less than satisf ied Mean	Not admini stered Mean	Omitte d Mean
Jordan	1049	991	55.5	35.0	9.5	2.5	0.8	13.2	6.9	-0.6	5.0	-22.2
Korea, Rep. of	452	308	33.7	48.2	18.1	10.5	0.5	7.7	7.6	12.5	5.3	10.4
Sweden	1214	617	45.9	44.0	10.2	20.0	4.0	8.4	2.0	13.6	5.7	6.5
Table Average (3)	2715	1916	45.0	42.4	12.6	11.0	1.8	9.8	5.5	8.5	5.3	-1.8

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: 2024 Context Data - Scale (BTBLGLSN)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	978	2.4	2.5	9.2	3.6	6.5	7.0	8.3	9.2	10.2	11.8	12.4	15.5
Korea, Rep. of	452	307	0.6	10.5	9.9	3.6	6.5	7.5	8.8	9.2	11.2	12.4	13.1	15.5
Sweden	1214	662	0.2	20.0	10.4	4.9	7.9	8.3	9.2	10.2	11.2	12.4	13.9	15.5
Table Average (3)	2715	1947	1.1	11.0	9.8	4.1	7.0	7.6	8.8	9.5	10.9	12.2	13.1	15.5

Question: Classroom Teaching Limited by Students Not Ready for Instruction
Location: 2024 Context Data - Index (BTDLGLSN)

Country	Sample	Valid N	1.Very little %	2.Some %	3.A lot %	Not admini stered %	Omitte d %	1.Very little Mean	2.Some Mean	3.A lot Mean	Not admini stered Mean	Omitte d Mean
Jordan	1049	978	10.1	78.2	11.8	2.5	2.4	15.7	9.8	6.1	5.0	-10.3
Korea, Rep. of	452	307	19.1	73.3	7.6	10.5	0.6	8.0	8.6	9.0	5.3	9.2
Sweden	1214	662	21.8	76.3	1.9	20.0	0.2	10.0	5.4	-2.0	5.7	-34.3
Table Average (3)	2715	1947	17.0	75.9	7.1	11.0	1.1	11.2	7.9	4.4	5.3	-11.8

Question: Teachers Confident in Teaching Science
Location: 2024 Context Data - Scale (BTBLSTCS)

Country	Sample	Valid N	Omitted %	Not Administered %	Mean	Min	P5	P10	P25	P50	P75	P90	P95	Max
Jordan	1049	979	2.5	2.5	10.5	1.2	7.3	7.3	9.3	10.5	13.1	13.1	13.1	13.1
Korea, Rep. of	452	303	1.7	10.5	9.3	2.5	6.7	7.3	7.9	9.3	10.5	13.1	13.1	13.1
Sweden	1214	658	0.4	20.0	10.1	4.3	7.3	7.9	9.3	10.1	11.1	13.1	13.1	13.1
Table Average (3)	2715	1940	1.5	11.0	10.0	2.7	7.1	7.5	8.8	10.0	11.6	13.1	13.1	13.1

Question: Teachers Confident in Teaching Science
Location: 2024 Context Data - Index (BTDLSTCS)

Country	Sample	Valid N	1.Very confident %	2.Some what confident %	3.Not confident %	Not admini- stered %	Omitte- d %	1.Very confident Mean	2.Some what confident Mean	3.Not confident Mean	Not admini- stered Mean	Omitte- d Mean
Jordan	1049	979	36.5	39.8	23.7	2.5	2.5	12.1	6.7	9.6	5.0	11.7
Korea, Rep. of	452	303	14.5	38.4	47.1	10.5	1.7	4.1	9.0	9.7	5.3	4.5
Sweden	1214	658	21.7	56.4	21.8	20.0	0.4	6.5	6.4	5.5	5.7	-13.2
Table Average (3)	2715	1940	24.2	44.9	30.9	11.0	1.5	7.6	7.4	8.3	5.3	1.0