

Notes

Output Created		26-Dec-2007 10:20:02
Comments		
Input	Data	C:\Documents and Settings\Elizabeth\My Documents\Area 5\2006-2007\SD113a\Tool8_part1.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	687
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		<pre> FREQUENCIES VARIABLES=SchoolName Tool8_q1 Tool8_q2a Tool8_q2b Tool8_q2c Tool8_q2d Tool8_q2e Tool8_q2f Tool8_q2g Tool8_q2h Tool8_q2i Tool8_q2j Tool8_q2k Tool8_q2l Tool8_q2m Tool8_q2n Tool8_q3 Tool8_q4 Tool8_q5 Tool8_q6 Tool8_q7A Tool8_q7B Tool8_q7C Tool8_q7D Tool8_q7E Tool8_q7F Tool8_q7G Tool8_q7H Tool8_q7I Tool8_q7J Tool8_q7K Tool8_q7L Tool8_q7M Tool8_q7N Tool8_q7O Tool8_q7P Tool8_q8 Tool8_q9 Tool8_q10 Tool8_q11 Tool8_q12 Tool8_q13 Tool8_q14 /ORDER=ANALYSIS. </pre>
Resources	Processor Time	00:00:00.125
	Elapsed Time	00:00:00.063

Tool 8 Student Survey - Part 1

SchoolName

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Old Quarry Middle SchÅ	687	100.0	100.0	100.0

Gender

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Female	310	45.1	45.9	45.9

Gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Male	365	53.1	54.1	100.0
	Total	675	98.3	100.0	
Missing	System	12	1.7		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Pre-Kindergarten	1	.1	100.0	100.0
Missing	System	686	99.9		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	8th Grade	198	28.8	100.0	100.0
Missing	System	489	71.2		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	6th	256	37.3	100.0	100.0
Missing	System	431	62.7		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	9th	1	.1	100.0	100.0
Missing	System	686	99.9		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	12th	1	.1	100.0	100.0
Missing	System	686	99.9		
Total		687	100.0		

My grade level is

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seventh	231	33.6	100.0	100.0
Missing	System	456	66.4		
Total		687	100.0		

How many years have you been using computers?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not started yet	1	.1	.1	.1
	1 year	3	.4	.4	.6
	2-3 years	37	5.4	5.4	6.0
	4-5 years	148	21.5	21.6	27.6
	4-5 years	496	72.2	72.4	100.0
	Total	685	99.7	100.0	
Missing	System	2	.3		
Total		687	100.0		

As a computer user, I classify myself as

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not a user	2	.3	.3	.3
	A Beginner	22	3.2	3.2	3.5
	Able to do on my own	409	59.5	60.2	63.8
	Can teach others	246	35.8	36.2	100.0
	Total	679	98.8	100.0	
Missing	System	8	1.2		
Total		687	100.0		

As an Internet user, I classify myself as

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not a user	1	.1	.1	.1
	A Beginner	13	1.9	1.9	2.1
	Able to do on my own	332	48.3	48.7	50.7
	Can teach others	336	48.9	49.3	100.0
	Total	682	99.3	100.0	
Missing	System	5	.7		
Total		687	100.0		

I am ethical and responsible when using computers, software, and the internet.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Never	15	2.2	2.2	2.2
	Some of the time	26	3.8	3.8	6.0
	Not sure	68	9.9	10.0	16.0
	Most of the time	227	33.0	33.3	49.3
	All of the time	346	50.4	50.7	100.0
Total		682	99.3	100.0	
Missing	System	5	.7		
Total		687	100.0		

I use technology at least 3-4 times a year in Art

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	127	18.5	100.0	100.0
Missing	System	560	81.5		
Total		687	100.0		

I use technology at least 3-4 times a year in Business Ed

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	31	4.5	100.0	100.0
Missing	System	656	95.5		
Total		687	100.0		

I use technology at least 3-4 times a year in Computer Lab Classes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	371	54.0	100.0	100.0
Missing	System	316	46.0		
Total		687	100.0		

I use technology at least 3-4 times a year in English as a Second Language

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	81	11.8	100.0	100.0
Missing	System	606	88.2		
Total		687	100.0		

I use technology at least 3-4 times a year in Foreign Languages

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	231	33.6	100.0	100.0

I use technology at least 3-4 times a year in Foreign Languages

	Frequency	Percent	Valid Percent	Cumulative Percent
Missing System	456	66.4		
Total	687	100.0		

I use technology at least 3-4 times a year in Health and/or Physical Education

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	101	14.7	100.0	100.0
Missing System	586	85.3		
Total	687	100.0		

I use technology at least 3-4 times a year in History and/or Social Studies

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	420	61.1	100.0	100.0
Missing System	267	38.9		
Total	687	100.0		

I use technology at least 3-4 times a year in Industrial Technology

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	108	15.7	100.0	100.0
Missing System	579	84.3		
Total	687	100.0		

I use technology at least 3-4 times a year in Language Arts

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	418	60.8	100.0	100.0
Missing System	269	39.2		
Total	687	100.0		

I use technology at least 3-4 times a year in Mathematics

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	311	45.3	100.0	100.0
Missing System	376	54.7		
Total	687	100.0		

I use technology at least 3-4 times a year in Music

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	300	43.7	100.0	100.0
Missing System	387	56.3		
Total	687	100.0		

I use technology at least 3-4 times a year in Reading

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	219	31.9	100.0	100.0
Missing System	468	68.1		
Total	687	100.0		

I use technology at least 3-4 times a year in Science

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	481	70.0	100.0	100.0
Missing System	206	30.0		
Total	687	100.0		

I use technology at least 3-4 times a year in Special Education

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	12	1.7	100.0	100.0
Missing System	675	98.3		
Total	687	100.0		

I use technology at least 3-4 times a year in Other classes

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	267	38.9	100.0	100.0
Missing System	420	61.1		
Total	687	100.0		

I use technology at least 3-4 times a year in none of these subjects at this time.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	22	3.2	100.0	100.0
Missing System	665	96.8		
Total	687	100.0		

When I use technology at school, I mostly work:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid I don't use technology	2	.3	.3	.3
Alone	371	54.0	54.6	54.9
In a small group	81	11.8	11.9	66.8
With a partner	226	32.9	33.2	100.0
Total	680	99.0	100.0	

When I use technology at school, I mostly work:

	Frequency	Percent	Valid Percent	Cumulative Percent
Missing System	7	1.0		
Total	687	100.0		

When a teacher gives us a class project using computers or other technologies:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid We can't do these kinds of projects because technology is rarely available.	29	4.2	4.3	4.3
We mostly arrange time to use the computers in the classroom.	404	58.8	60.5	64.8
We mostly use the equipment always available in our room.	57	8.3	8.5	73.4
We use our regularly schedules class time in the computer lab.	178	25.9	26.6	100.0
Total	668	97.2	100.0	
Missing System	19	2.8		
Total	687	100.0		

When I choose to work on computers or use the internet for something I want to do at school

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid I do not choose to work with computers	33	4.8	4.9	4.9
I make my own arrangements when it is convenient for me.	258	37.6	38.3	43.2
My teacher needs to make the arrangements for me or tells me when it is my turn.	232	33.8	34.5	77.7
No arrangements are needed because they are always available for me to use whenever I need them.	150	21.8	22.3	100.0
Total	673	98.0	100.0	
Missing System	14	2.0		
Total	687	100.0		

Check how many hours a week you use a computer at school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 hour or less	503	73.2	74.2	74.2
	2-3 hours	132	19.2	19.5	93.7
	More than 3 hours	43	6.3	6.3	100.0
	Total	678	98.7	100.0	
Missing	System	9	1.3		
Total		687	100.0		

When I want to use email at school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	I cannot access email at school.	445	64.8	65.5	65.5
	I do not need email access for school.	194	28.2	28.6	94.1
	I use a shared account provided by my teacher.	25	3.6	3.7	97.8
	I use my own email account assigned by the teacher.	15	2.2	2.2	100.0
	Total	679	98.8	100.0	
Missing	System	8	1.2		
Total		687	100.0		

How many hours a week do you use a computer outside of school?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 hour or less	62	9.0	9.1	9.1
	2-3 hours	218	31.7	31.9	41.0
	4-6 hours	213	31.0	31.2	72.2
	7+ hours	190	27.7	27.8	100.0
	Total	683	99.4	100.0	
Missing	System	4	.6		
Total		687	100.0		

Our school has classes for my parent/guardian to learn about technology.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	604	87.9	89.0	89.0
	Yes	75	10.9	11.0	100.0
	Total	679	98.8	100.0	
Missing	System	8	1.2		
Total		687	100.0		

Notes

Output Created		26-Dec-2007 10:20:27
Comments		
Input	Data	C:\Documents and Settings\Elizabeth\My Documents\Area 5\2006-2007\SD113a\Tool8_part2.sav
	Active Dataset	DataSet6
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	670
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		<pre> FREQUENCIES VARIABLES=Tool8_q15A Tool8_q15B Tool8_q16A Tool8_q16B Tool8_q17A Tool8_q17B Tool8_q18A Tool8_q18B Tool8_q19A Tool8_q19B Tool8_q20A Tool8_q20B Tool8_q21A Tool8_q21B Tool8_q22A Tool8_q22B Tool8_q23A Tool8_q23B Tool8_q24A Tool8_q24B Tool8_q25A Tool8_q25B Tool8_q26A Tool8_q26B Tool8_q27A Tool8_q27B Tool8_q28A Tool8_q28B Tool8_q29A Tool8_q29B Tool8_q30A Tool8_q30B Tool8_q31A Tool8_q31B Tool8_q32A Tool8_q32B Tool8_q33A Tool8_q33B Tool8_q34A Tool8_q34B Tool8_q35A Tool8_q35B Tool8_q36A Tool8_q36B Tool8_q37A Tool8_q37B Tool8_q38A Tool8_q38B Tool8_q39A Tool8_q39B /ORDER=ANALYSIS. </pre>
Resources	Processor Time	00:00:00.156
	Elapsed Time	00:00:00.077

Personal Skills:Computers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	2	.3	.3	.3
	A beginner	18	2.7	2.8	3.1
	Can do on my own	352	52.5	54.0	57.1
	Able to teach others	280	41.8	42.9	100.0
	Total	652	97.3	100.0	
Missing	System	18	2.7		
Total		670	100.0		

Frequency of Use:Computers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	9	1.3	1.4	1.4
	3-4 times a year	24	3.6	3.8	5.2
	Monthly	116	17.3	18.2	23.4
	Weekly	169	25.2	26.5	49.8
	Daily	320	47.8	50.2	100.0
	Total	638	95.2	100.0	
Missing	System	32	4.8		
Total		670	100.0		

Personal Skills:Digital Camera

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	41	6.1	6.3	6.3
	A beginner	128	19.1	19.7	26.0
	Can do on my own	264	39.4	40.6	66.6
	Able to teach others	217	32.4	33.4	100.0
	Total	650	97.0	100.0	
Missing	System	20	3.0		
Total		670	100.0		

Frequency of Use:Digital Camera

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	222	33.1	35.1	35.1
	3-4 times a year	75	11.2	11.8	46.9
	Monthly	131	19.6	20.7	67.6
	Weekly	141	21.0	22.3	89.9
	Daily	64	9.6	10.1	100.0
	Total	633	94.5	100.0	

Frequency of Use:Digital Camera

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	37	5.5		
Total		670	100.0		

Personal Skills:Email for school work

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	143	21.3	22.1	22.1
	A beginner	144	21.5	22.3	44.4
	Can do on my own	253	37.8	39.1	83.5
	Able to teach others	107	16.0	16.5	100.0
Total		647	96.6	100.0	
Missing	System	23	3.4		
Total		670	100.0		

Frequency of Use:Email for school work

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	360	53.7	56.9	56.9
	3-4 times a year	78	11.6	12.3	69.2
	Monthly	84	12.5	13.3	82.5
	Weekly	71	10.6	11.2	93.7
	Daily	40	6.0	6.3	100.0
Total		633	94.5	100.0	
Missing	System	37	5.5		
Total		670	100.0		

Personal Skills:Video Camera

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	72	10.7	11.1	11.1
	A beginner	182	27.2	28.0	39.1
	Can do on my own	248	37.0	38.2	77.2
	Able to teach others	148	22.1	22.8	100.0
Total		650	97.0	100.0	
Missing	System	20	3.0		
Total		670	100.0		

Frequency of Use:Video Camera

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	266	39.7	41.9	41.9
	3-4 times a year	145	21.6	22.8	64.7
	Monthly	135	20.1	21.3	86.0
	Weekly	60	9.0	9.4	95.4
	Daily	29	4.3	4.6	100.0
	Total	635	94.8	100.0	
Missing	System	35	5.2		
Total		670	100.0		

Personal Skills:Podcasting

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	408	60.9	63.1	63.1
	A beginner	113	16.9	17.5	80.5
	Can do on my own	78	11.6	12.1	92.6
	Able to teach others	48	7.2	7.4	100.0
	Total	647	96.6	100.0	
Missing	System	23	3.4		
Total		670	100.0		

Frequency of Use:Podcasting

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	493	73.6	78.6	78.6
	3-4 times a year	53	7.9	8.5	87.1
	Monthly	42	6.3	6.7	93.8
	Weekly	24	3.6	3.8	97.6
	Daily	15	2.2	2.4	100.0
	Total	627	93.6	100.0	
Missing	System	43	6.4		
Total		670	100.0		

Personal Skills:Multimedia Programs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	64	9.6	9.9	9.9
	A beginner	119	17.8	18.3	28.2
	Can do on my own	259	38.7	39.9	68.1
	Able to teach others	207	30.9	31.9	100.0
	Total	649	96.9	100.0	

Personal Skills:Multimedia Programs

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	21	3.1		
Total		670	100.0		

Frequency of Use:Multimedia Programs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	136	20.3	21.6	21.6
	3-4 times a year	231	34.5	36.6	58.2
	Monthly	179	26.7	28.4	86.5
	Weekly	62	9.3	9.8	96.4
	Daily	23	3.4	3.6	100.0
	Total	631	94.2	100.0	
Missing	System	39	5.8		
Total		670	100.0		

Personal Skills:Graphing Calculators

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	246	36.7	38.1	38.1
	A beginner	189	28.2	29.3	67.4
	Can do on my own	145	21.6	22.5	89.9
	Able to teach others	65	9.7	10.1	100.0
	Total	645	96.3	100.0	
Missing	System	25	3.7		
Total		670	100.0		

Frequency of Use:Graphing Calculators

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	333	49.7	53.8	53.8
	3-4 times a year	82	12.2	13.2	67.0
	Monthly	88	13.1	14.2	81.3
	Weekly	66	9.9	10.7	91.9
	Daily	50	7.5	8.1	100.0
	Total	619	92.4	100.0	
Missing	System	51	7.6		
Total		670	100.0		

Personal Skills:Word Processing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	78	11.6	12.1	12.1
	A beginner	102	15.2	15.8	27.9
	Can do on my own	241	36.0	37.3	65.2
	Able to teach others	225	33.6	34.8	100.0
	Total	646	96.4	100.0	
Missing	System	24	3.6		
Total		670	100.0		

Frequency of Use:Word Processing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	112	16.7	18.0	18.0
	3-4 times a year	92	13.7	14.8	32.8
	Monthly	179	26.7	28.8	61.6
	Weekly	167	24.9	26.8	88.4
	Daily	72	10.7	11.6	100.0
	Total	622	92.8	100.0	
Missing	System	48	7.2		
Total		670	100.0		

Personal Skills:Database Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	410	61.2	63.8	63.8
	A beginner	136	20.3	21.2	84.9
	Can do on my own	64	9.6	10.0	94.9
	Able to teach others	33	4.9	5.1	100.0
	Total	643	96.0	100.0	
Missing	System	27	4.0		
Total		670	100.0		

Frequency of Use:Database Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	457	68.2	73.7	73.7
	3-4 times a year	71	10.6	11.5	85.2
	Monthly	57	8.5	9.2	94.4
	Weekly	20	3.0	3.2	97.6
	Daily	15	2.2	2.4	100.0
	Total	620	92.5	100.0	

Frequency of Use:Database Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	50	7.5		
Total		670	100.0		

Personal Skills:Spreadsheet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	334	49.9	52.3	52.3
	A beginner	176	26.3	27.5	79.8
	Can do on my own	89	13.3	13.9	93.7
	Able to teach others	40	6.0	6.3	100.0
Total		639	95.4	100.0	
Missing	System	31	4.6		
Total		670	100.0		

Frequency of Use:Spreadsheet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	404	60.3	65.8	65.8
	3-4 times a year	110	16.4	17.9	83.7
	Monthly	63	9.4	10.3	94.0
	Weekly	26	3.9	4.2	98.2
	Daily	11	1.6	1.8	100.0
Total		614	91.6	100.0	
Missing	System	56	8.4		
Total		670	100.0		

Personal Skills:Image creation/editing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	152	22.7	23.9	23.9
	A beginner	192	28.7	30.2	54.2
	Can do on my own	176	26.3	27.7	81.9
	Able to teach others	115	17.2	18.1	100.0
Total		635	94.8	100.0	
Missing	System	35	5.2		
Total		670	100.0		

Frequency of Use:Image creation/editing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	261	39.0	42.8	42.8
	3-4 times a year	134	20.0	22.0	64.8
	Monthly	116	17.3	19.0	83.8
	Weekly	63	9.4	10.3	94.1
	Daily	36	5.4	5.9	100.0
	Total	610	91.0	100.0	
Missing	System	60	9.0		
Total		670	100.0		

Personal Skills:Handheld Devices

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	40	6.0	6.2	6.2
	A beginner	57	8.5	8.9	15.1
	Can do on my own	173	25.8	26.9	42.0
	Able to teach others	373	55.7	58.0	100.0
	Total	643	96.0	100.0	
Missing	System	27	4.0		
Total		670	100.0		

Frequency of Use:Handheld Devices

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	144	21.5	23.0	23.0
	3-4 times a year	54	8.1	8.6	31.6
	Monthly	71	10.6	11.3	42.9
	Weekly	124	18.5	19.8	62.7
	Daily	234	34.9	37.3	100.0
	Total	627	93.6	100.0	
Missing	System	43	6.4		
Total		670	100.0		

Personal Skills:Digitizing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	163	24.3	25.7	25.7
	A beginner	189	28.2	29.8	55.5
	Can do on my own	172	25.7	27.1	82.6
	Able to teach others	110	16.4	17.4	100.0
	Total	634	94.6	100.0	

Personal Skills:Digitizing

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	36	5.4		
Total		670	100.0		

Frequency of Use:Digitizing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	270	40.3	43.9	43.9
	3-4 times a year	113	16.9	18.4	62.3
	Monthly	107	16.0	17.4	79.7
	Weekly	84	12.5	13.7	93.3
	Daily	41	6.1	6.7	100.0
	Total	615	91.8	100.0	
Missing	System	55	8.2		
Total		670	100.0		

Personal Skills:Probes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	319	47.6	50.5	50.5
	A beginner	147	21.9	23.3	73.7
	Can do on my own	109	16.3	17.2	91.0
	Able to teach others	57	8.5	9.0	100.0
	Total	632	94.3	100.0	
Missing	System	38	5.7		
Total		670	100.0		

Frequency of Use:Probes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	382	57.0	62.5	62.5
	3-4 times a year	81	12.1	13.3	75.8
	Monthly	80	11.9	13.1	88.9
	Weekly	51	7.6	8.3	97.2
	Daily	17	2.5	2.8	100.0
	Total	611	91.2	100.0	
Missing	System	59	8.8		
Total		670	100.0		

Personal Skills:Software to practice skills

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	86	12.8	13.5	13.5
	A beginner	171	25.5	26.9	40.4
	Can do on my own	249	37.2	39.2	79.6
	Able to teach others	130	19.4	20.4	100.0
	Total	636	94.9	100.0	
Missing	System	34	5.1		
Total		670	100.0		

Frequency of Use:Software to practice skills

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	181	27.0	29.2	29.2
	3-4 times a year	171	25.5	27.6	56.8
	Monthly	160	23.9	25.8	82.6
	Weekly	78	11.6	12.6	95.2
	Daily	30	4.5	4.8	100.0
	Total	620	92.5	100.0	
Missing	System	50	7.5		
Total		670	100.0		

Personal Skills:Library Catalog

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	146	21.8	22.8	22.8
	A beginner	157	23.4	24.6	47.4
	Can do on my own	193	28.8	30.2	77.6
	Able to teach others	143	21.3	22.4	100.0
	Total	639	95.4	100.0	
Missing	System	31	4.6		
Total		670	100.0		

Frequency of Use:Library Catalog

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	203	30.3	33.1	33.1
	3-4 times a year	156	23.3	25.4	58.6
	Monthly	141	21.0	23.0	81.6
	Weekly	86	12.8	14.0	95.6
	Daily	27	4.0	4.4	100.0
	Total	613	91.5	100.0	

Frequency of Use:Library Catalog

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	57	8.5		
Total		670	100.0		

Personal Skills:Simulations

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	241	36.0	38.2	38.2
	A beginner	119	17.8	18.9	57.1
	Can do on my own	146	21.8	23.1	80.2
	Able to teach others	125	18.7	19.8	100.0
	Total	631	94.2	100.0	
Missing	System	39	5.8		
Total		670	100.0		

Frequency of Use:Simulations

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	337	50.3	55.1	55.1
	3-4 times a year	96	14.3	15.7	70.8
	Monthly	88	13.1	14.4	85.1
	Weekly	61	9.1	10.0	95.1
	Daily	30	4.5	4.9	100.0
	Total	612	91.3	100.0	
Missing	System	58	8.7		
Total		670	100.0		

Personal Skills:Mindmapping

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	306	45.7	48.2	48.2
	A beginner	162	24.2	25.5	73.7
	Can do on my own	109	16.3	17.2	90.9
	Able to teach others	58	8.7	9.1	100.0
	Total	635	94.8	100.0	
Missing	System	35	5.2		
Total		670	100.0		

Frequency of Use: Mindmapping

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	392	58.5	63.9	63.9
	3-4 times a year	125	18.7	20.4	84.3
	Monthly	53	7.9	8.6	93.0
	Weekly	27	4.0	4.4	97.4
	Daily	16	2.4	2.6	100.0
	Total	613	91.5	100.0	
Missing	System	57	8.5		
Total		670	100.0		

Personal Skills: Scanner

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	249	37.2	39.4	39.4
	A beginner	156	23.3	24.7	64.1
	Can do on my own	133	19.9	21.0	85.1
	Able to teach others	94	14.0	14.9	100.0
	Total	632	94.3	100.0	
Missing	System	38	5.7		
Total		670	100.0		

Frequency of Use: Scanner

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	350	52.2	56.9	56.9
	3-4 times a year	99	14.8	16.1	73.0
	Monthly	99	14.8	16.1	89.1
	Weekly	44	6.6	7.2	96.3
	Daily	23	3.4	3.7	100.0
	Total	615	91.8	100.0	
Missing	System	55	8.2		
Total		670	100.0		

Personal Skills: Internet Tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	55	8.2	8.7	8.7
	A beginner	91	13.6	14.4	23.1
	Can do on my own	204	30.4	32.3	55.4
	Able to teach others	282	42.1	44.6	100.0
	Total	632	94.3	100.0	

Personal Skills:Internet Tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	38	5.7		
Total		670	100.0		

Frequency of Use:Internet Tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	102	15.2	16.5	16.5
	3-4 times a year	105	15.7	17.0	33.5
	Monthly	132	19.7	21.4	54.9
	Weekly	140	20.9	22.7	77.5
	Daily	139	20.7	22.5	100.0
	Total	618	92.2	100.0	
Missing	System	52	7.8		
Total		670	100.0		

Personal Skills:Web Tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	130	19.4	20.6	20.6
	A beginner	150	22.4	23.8	44.4
	Can do on my own	183	27.3	29.0	73.5
	Able to teach others	167	24.9	26.5	100.0
	Total	630	94.0	100.0	
Missing	System	40	6.0		
Total		670	100.0		

Frequency of Use:Web Tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	182	27.2	30.0	30.0
	3-4 times a year	116	17.3	19.1	49.2
	Monthly	125	18.7	20.6	69.8
	Weekly	88	13.1	14.5	84.3
	Daily	95	14.2	15.7	100.0
	Total	606	90.4	100.0	
Missing	System	64	9.6		
Total		670	100.0		

Personal Skills:Learning Games

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	304	45.4	47.4	47.4
	A beginner	48	7.2	7.5	54.8
	Can do on my own	117	17.5	18.2	73.1
	Able to teach others	173	25.8	26.9	100.0
	Total	642	95.8	100.0	
Missing	System	28	4.2		
Total		670	100.0		

Frequency of Use:Learning Games

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	141	21.0	22.8	22.8
	3-4 times a year	142	21.2	23.0	45.8
	Monthly	180	26.9	29.1	74.9
	Weekly	85	12.7	13.8	88.7
	Daily	70	10.4	11.3	100.0
	Total	618	92.2	100.0	
Missing	System	52	7.8		
Total		670	100.0		

Personal Skills:Video Editing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	266	39.7	42.1	42.1
	A beginner	163	24.3	25.8	67.9
	Can do on my own	111	16.6	17.6	85.4
	Able to teach others	92	13.7	14.6	100.0
	Total	632	94.3	100.0	
Missing	System	38	5.7		
Total		670	100.0		

Frequency of Use:Video Editing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	363	54.2	59.0	59.0
	3-4 times a year	111	16.6	18.0	77.1
	Monthly	64	9.6	10.4	87.5
	Weekly	50	7.5	8.1	95.6
	Daily	27	4.0	4.4	100.0
	Total	615	91.8	100.0	

Frequency of Use:Video Editing

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	55	8.2		
Total		670	100.0		

Personal Skills:Desktop Publishing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No Skills	310	46.3	49.0	49.0
	A beginner	146	21.8	23.1	72.0
	Can do on my own	110	16.4	17.4	89.4
	Able to teach others	67	10.0	10.6	100.0
Total		633	94.5	100.0	
Missing	System	37	5.5		
Total		670	100.0		

Frequency of Use:Desktop Publishing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	377	56.3	61.5	61.5
	3-4 times a year	107	16.0	17.5	79.0
	Monthly	73	10.9	11.9	90.9
	Weekly	34	5.1	5.5	96.4
	Daily	22	3.3	3.6	100.0
Total		613	91.5	100.0	
Missing	System	57	8.5		
Total		670	100.0		

Personal Skills:Audio/Music Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	A beginner	144	21.5	39.9	39.9
	Can do on my own	110	16.4	30.5	70.4
	Able to teach others	107	16.0	29.6	100.0
Total		361	53.9	100.0	
Missing	System	309	46.1		
Total		670	100.0		

Frequency of Use:Audio/Music Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or Never	363	54.2	59.6	59.6

Frequency of Use:Audio/Music Creation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3-4 times a year	92	13.7	15.1	74.7
	Monthly	69	10.3	11.3	86.0
	Weekly	40	6.0	6.6	92.6
	Daily	45	6.7	7.4	100.0
	Total	609	90.9	100.0	
Missing	System	61	9.1		
Total		670	100.0		

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Frequencies

Notes

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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	471
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.

Notes

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Statistics

		At school: Learn to use the internet	Outside school: Learn to use the internet	At school: Develop digital products to convince or persuade others outside my classroom	Outside school: Develop digital products to convince or persuade others outside my classroom	At school: Learn to use wordprocessi ng, spreadsheets , and/or databases.	Outside school: Learn to use wordprocessi ng, spreadsheets , and/or databases.
N	Valid	458	450	445	435	449	436

Statistics

	At school: Summarize existing information for my teacher	Outside school: Summarize existing information for my teacher	At school: Learn to use video editing tools	Outside school: Learn to use video editing tools	At school: Learn keyboarding	Outside school: Learn keyboarding	
N	Valid	442	435	441	425	447	442

Statistics

	At school: Summarize existing information for others outside my classroom	Outside school: Summarize existing information for others outside my classroom	At school: Design information products that contain text with graphics, video, and/or sound	Outside school: Design information products that contain text with graphics, video, and/or sound	At school: Publish my work online so others can learn from me	Outside school: Publish my work online so others can learn from me	
N	Valid	438	424	441	429	441	427

Statistics

	At school: Develop digital products to convince or persuade my teacher	Outside school: Develop digital products to convince or persuade my teacher	At school: Play educational games	Outside school: Play educational games	At school: Enjoy some free time computer use when finished with my regular assignment	Outside school: Enjoy some free time computer use when finished with my regular assignment	
N	Valid	430	421	447	434	445	433

Statistics

	At school: Work with classmates to identify and solve problems	Outside school: Work with classmates to identify and solve problems	At school: Write my stories, essays and reports with a word processor	Outside school: Write my stories, essays and reports with a word processor	At school: Make my own drawings, images or graphics to explain concepts or ideas to others	Outside school: Make my own drawings, images or graphics to explain concepts or ideas to others	
N	Valid	430	420	436	429	447	428

Statistics

	At school: Collect samples of my work with technology tools	Outside school: Collect samples of my work with technology tools	At school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)	Outside school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)	At school: Publish my work online so others can learn from me	Outside school: Publish my work online so others can learn from me	
N	Valid	438	421	429	419	427	420

Statistics

		At school: Analyze and organize patterns of information with a database	Outside school: Analyze and organize patterns of information with a database	At school: Send and Receive e- mail for school projects with Classmates or Teachers	Outside school: Send and Receive e-mail for school projects with Classmates or Teachers	At school: Work with others outside my classroom to solve real life problems (e. g., collaborative or group projects)	Outside school: Work with others outside my classroom to solve real life problems (e. g., collaborative or group projects)
N	Valid	425	407	421	411	424	414

Statistics

		At school: Develop digital products sharing my thinking and original ideas	Outside school: Develop digital products sharing my thinking and original ideas	At school: Teach what I have learned to other students and/or adults	Outside school: Teach what I have learned to other students and/or adults	At school: Research and gather facts online for school work	Outside school: Research and gather facts online for school work
N	Valid	429	409	430	409	423	416

Statistics

		At school: Explore problems and create solutions	Outside school: Explore problems and create solutions	At school: Take tests online	Outside school: Take tests online	At school: Develop efficient strategies for finding and evaluating online information	Outside school: Develop efficient strategies for finding and evaluating online information
N	Valid	0	438	426	418	416	403

Statistics

		At school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)	Outside school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)	At school: Work with others in my class to develop group digital products	Outside school: Work with others in my class to develop group digital products	At school: Explore and learn topics of my own choice	Outside school: Explore and learn topics of my own choice
N	Valid	417	408	414	402	418	412

Statistics

		At school: Use simulations or mathematical models to help understand difficult problems	Outside school: Use simulations or mathematical models to help understand difficult problems
N	Valid	418	410

Statistics

				At school: Develop digital products to convince or persuade others outside my classroom	Outside school: Develop digital products to convince or persuade others outside my classroom	At school: Learn to use wordprocessing, spreadsheets, and/or databases.	Outside school: Learn to use wordprocessing, spreadsheets, and/or databases.
N	Missing	13	21	26	36	22	35

Statistics

		At school: Summarize existing information for my teacher	Outside school: Summarize existing information for my teacher	At school: Learn to use video editing tools	Outside school: Learn to use video editing tools	At school: Learn keyboarding	Outside school: Learn keyboarding
N	Missing	29	36	30	46	24	29

Statistics

		At school: Summarize existing information for others outside my classroom	Outside school: Summarize existing information for others outside my classroom	At school: Design information products that contain text with graphics, video, and/or sound	Outside school: Design information products that contain text with graphics, video, and/or sound	At school: Publish my work online so others can learn from me	Outside school: Publish my work online so others can learn from me
N	Missing	33	47	30	42	30	44

Statistics

		At school: Develop digital products to convince or persuade my teacher	Outside school: Develop digital products to convince or persuade my teacher	At school: Play educational games	Outside school: Play educational games	At school: Enjoy some free time computer use when finished with my regular assignment	Outside school: Enjoy some free time computer use when finished with my regular assignment
N	Missing	41	50	24	37	26	38

Statistics

		At school: Work with classmates to identify and solve problems	Outside school: Work with classmates to identify and solve problems	At school: Write my stories, essays and reports with a word processor	Outside school: Write my stories, essays and reports with a word processor	At school: Make my own drawings, images or graphics to explain concepts or ideas to others	Outside school: Make my own drawings, images or graphics to explain concepts or ideas to others
N	Missing	41	51	35	42	24	43

Statistics

		At school: Collect samples of my work with technology tools	Outside school: Collect samples of my work with technology tools	At school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)	Outside school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)	At school: Publish my work online so others can learn from me	Outside school: Publish my work online so others can learn from me
N	Missing	33	50	42	52	44	51

Statistics

		At school: Analyze and organize patterns of information with a database	Outside school: Analyze and organize patterns of information with a database	At school: Send and Receive e- mail for school projects with Classmates or Teachers	Outside school: Send and Receive e-mail for school projects with Classmates or Teachers	At school: Work with others outside my classroom to solve real life problems (e. g., collaborative or group projects)	Outside school: Work with others outside my classroom to solve real life problems (e. g., collaborative or group projects)
N	Missing	46	64	50	60	47	57

Statistics

		At school: Develop digital products sharing my thinking and original ideas	Outside school: Develop digital products sharing my thinking and original ideas	At school: Teach what I have learned to other students and/or adults	Outside school: Teach what I have learned to other students and/or adults	At school: Research and gather facts online for school work	Outside school: Research and gather facts online for school work
N	Missing	42	62	41	62	48	55

Statistics

		At school: Explore problems and create solutions	Outside school: Explore problems and create solutions	At school: Take tests online	Outside school: Take tests online	At school: Develop efficient strategies for finding and evaluating online information	Outside school: Develop efficient strategies for finding and evaluating online information
N	Missing	471	33	45	53	55	68

Statistics

		At school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)	Outside school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)	At school: Work with others in my class to develop group digital products	Outside school: Work with others in my class to develop group digital products	At school: Explore and learn topics of my own choice	Outside school: Explore and learn topics of my own choice
N	Missing	54	63	57	69	53	59

Statistics

		At school: Use simulations or mathematical models to help understand difficult problems	Outside school: Use simulations or mathematical models to help understand difficult problems
N	Missing	53	61

Student Survey Tool 8 - Part 3

At school: Learn to use the internet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	62	13.2	13.5	13.5
	3-4 times a year	66	14.0	14.4	27.9
	Monthly	143	30.4	31.2	59.2

At school: Learn to use the internet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Weekly	119	25.3	26.0	85.2
	Daily	68	14.4	14.8	100.0
	Total	458	97.2	100.0	
Missing	System	13	2.8		
Total		471	100.0		

Outside school: Learn to use the internet

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	50	10.6	11.1	11.1
	3-4 times a year	22	4.7	4.9	16.0
	Monthly	62	13.2	13.8	29.8
	Weekly	103	21.9	22.9	52.7
	Daily	213	45.2	47.3	100.0
	Total	450	95.5	100.0	
Missing	System	21	4.5		
Total		471	100.0		

At school: Develop digital products to convince or persuade others outside my classroom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	265	56.3	59.6	59.6
	3-4 times a year	75	15.9	16.9	76.4
	Monthly	59	12.5	13.3	89.7
	Weekly	26	5.5	5.8	95.5
	Daily	20	4.2	4.5	100.0
	Total	445	94.5	100.0	
Missing	System	26	5.5		
Total		471	100.0		

Outside school: Develop digital products to convince or persuade others outside my classroom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	219	46.5	50.3	50.3
	3-4 times a year	64	13.6	14.7	65.1
	Monthly	68	14.4	15.6	80.7
	Weekly	47	10.0	10.8	91.5
	Daily	37	7.9	8.5	100.0
	Total	435	92.4	100.0	

Outside school: Develop digital products to convince or persuade others outside my classroom

	Frequency	Percent	Valid Percent	Cumulative Percent
Missing System	36	7.6		
Total	471	100.0		

At school: Learn to use wordprocessing, spreadsheets, and/or databases.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	176	37.4	39.2	39.2
3-4 times a year	106	22.5	23.6	62.8
Monthly	88	18.7	19.6	82.4
Weekly	48	10.2	10.7	93.1
Daily	31	6.6	6.9	100.0
Total	449	95.3	100.0	
Missing System	22	4.7		
Total	471	100.0		

Outside school: Learn to use wordprocessing, spreadsheets, and/or databases.

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	169	35.9	38.8	38.8
3-4 times a year	80	17.0	18.3	57.1
Monthly	94	20.0	21.6	78.7
Weekly	48	10.2	11.0	89.7
Daily	45	9.6	10.3	100.0
Total	436	92.6	100.0	
Missing System	35	7.4		
Total	471	100.0		

At school: Summarize existing information for my teacher

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	137	29.1	31.0	31.0
3-4 times a year	104	22.1	23.5	54.5
Monthly	106	22.5	24.0	78.5
Weekly	65	13.8	14.7	93.2
Daily	30	6.4	6.8	100.0
Total	442	93.8	100.0	
Missing System	29	6.2		
Total	471	100.0		

Outside school: Summarize existing information for my teacher

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	184	39.1	42.3	42.3
	3-4 times a year	88	18.7	20.2	62.5
	Monthly	89	18.9	20.5	83.0
	Weekly	52	11.0	12.0	94.9
	Daily	22	4.7	5.1	100.0
	Total	435	92.4	100.0	
Missing	System	36	7.6		
Total		471	100.0		

At school: Learn to use video editing tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	269	57.1	61.0	61.0
	3-4 times a year	72	15.3	16.3	77.3
	Monthly	42	8.9	9.5	86.8
	Weekly	31	6.6	7.0	93.9
	Daily	27	5.7	6.1	100.0
	Total	441	93.6	100.0	
Missing	System	30	6.4		
Total		471	100.0		

Outside school: Learn to use video editing tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	195	41.4	45.9	45.9
	3-4 times a year	80	17.0	18.8	64.7
	Monthly	72	15.3	16.9	81.6
	Weekly	50	10.6	11.8	93.4
	Daily	28	5.9	6.6	100.0
	Total	425	90.2	100.0	
Missing	System	46	9.8		
Total		471	100.0		

At school: Learn keyboarding

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	102	21.7	22.8	22.8
	3-4 times a year	145	30.8	32.4	55.3
	Monthly	85	18.0	19.0	74.3
	Weekly	46	9.8	10.3	84.6

At school: Learn keyboarding

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	69	14.6	15.4	100.0
	Total	447	94.9	100.0	
Missing	System	24	5.1		
Total		471	100.0		

Outside school: Learn keyboarding

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	144	30.6	32.6	32.6
	3-4 times a year	70	14.9	15.8	48.4
	Monthly	64	13.6	14.5	62.9
	Weekly	52	11.0	11.8	74.7
	Daily	112	23.8	25.3	100.0
	Total	442	93.8	100.0	
Missing	System	29	6.2		
Total		471	100.0		

At school: Summarize existing information for others outside my classroom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	201	42.7	45.9	45.9
	3-4 times a year	84	17.8	19.2	65.1
	Monthly	86	18.3	19.6	84.7
	Weekly	37	7.9	8.4	93.2
	Daily	30	6.4	6.8	100.0
	Total	438	93.0	100.0	
Missing	System	33	7.0		
Total		471	100.0		

Outside school: Summarize existing information for others outside my classroom

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	192	40.8	45.3	45.3
	3-4 times a year	76	16.1	17.9	63.2
	Monthly	83	17.6	19.6	82.8
	Weekly	35	7.4	8.3	91.0
	Daily	38	8.1	9.0	100.0
	Total	424	90.0	100.0	
Missing	System	47	10.0		
Total		471	100.0		

At school: Design information products that contain text with graphics, video, and/or sound

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	214	45.4	48.5	48.5
	3-4 times a year	97	20.6	22.0	70.5
	Monthly	65	13.8	14.7	85.3
	Weekly	40	8.5	9.1	94.3
	Daily	25	5.3	5.7	100.0
	Total	441	93.6	100.0	
Missing	System	30	6.4		
Total		471	100.0		

Outside school: Design information products that contain text with graphics, video, and/or sound

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	181	38.4	42.2	42.2
	3-4 times a year	84	17.8	19.6	61.8
	Monthly	72	15.3	16.8	78.6
	Weekly	46	9.8	10.7	89.3
	Daily	46	9.8	10.7	100.0
	Total	429	91.1	100.0	
Missing	System	42	8.9		
Total		471	100.0		

At school: Publish my work online so others can learn from me

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	321	68.2	72.8	72.8
	3-4 times a year	35	7.4	7.9	80.7
	Monthly	34	7.2	7.7	88.4
	Weekly	24	5.1	5.4	93.9
	Daily	27	5.7	6.1	100.0
	Total	441	93.6	100.0	
Missing	System	30	6.4		
Total		471	100.0		

Outside school: Publish my work online so others can learn from me

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	280	59.4	65.6	65.6
	3-4 times a year	49	10.4	11.5	77.0
	Monthly	47	10.0	11.0	88.1

Outside school: Publish my work online so others can learn from me

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Weekly	26	5.5	6.1	94.1
	Daily	25	5.3	5.9	100.0
	Total	427	90.7	100.0	
Missing	System	44	9.3		
Total		471	100.0		

At school: Develop digital products to convince or persuade my teacher

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	299	63.5	69.5	69.5
	3-4 times a year	46	9.8	10.7	80.2
	Monthly	42	8.9	9.8	90.0
	Weekly	25	5.3	5.8	95.8
	Daily	18	3.8	4.2	100.0
	Total	430	91.3	100.0	
Missing	System	41	8.7		
Total		471	100.0		

Outside school: Develop digital products to convince or persuade my teacher

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	278	59.0	66.0	66.0
	3-4 times a year	60	12.7	14.3	80.3
	Monthly	44	9.3	10.5	90.7
	Weekly	20	4.2	4.8	95.5
	Daily	19	4.0	4.5	100.0
	Total	421	89.4	100.0	
Missing	System	50	10.6		
Total		471	100.0		

At school: Play educational games

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	103	21.9	23.0	23.0
	3-4 times a year	127	27.0	28.4	51.5
	Monthly	133	28.2	29.8	81.2
	Weekly	54	11.5	12.1	93.3
	Daily	30	6.4	6.7	100.0
	Total	447	94.9	100.0	

At school: Play educational games

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	24	5.1		
Total		471	100.0		

Outside school: Play educational games

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	169	35.9	38.9	38.9
	3-4 times a year	96	20.4	22.1	61.1
	Monthly	83	17.6	19.1	80.2
	Weekly	45	9.6	10.4	90.6
	Daily	41	8.7	9.4	100.0
	Total	434	92.1	100.0	
Missing	System	37	7.9		
Total		471	100.0		

At school: Enjoy some free time computer use when finished with my regular assignment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	97	20.6	21.8	21.8
	3-4 times a year	92	19.5	20.7	42.5
	Monthly	106	22.5	23.8	66.3
	Weekly	88	18.7	19.8	86.1
	Daily	62	13.2	13.9	100.0
	Total	445	94.5	100.0	
Missing	System	26	5.5		
Total		471	100.0		

Outside school: Enjoy some free time computer use when finished with my regular assignment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	50	10.6	11.5	11.5
	3-4 times a year	43	9.1	9.9	21.5
	Monthly	49	10.4	11.3	32.8
	Weekly	105	22.3	24.2	57.0
	Daily	186	39.5	43.0	100.0
	Total	433	91.9	100.0	
Missing	System	38	8.1		
Total		471	100.0		

At school: Work with classmates to identify and solve problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	81	17.2	18.8	18.8
	3-4 times a year	76	16.1	17.7	36.5
	Monthly	113	24.0	26.3	62.8
	Weekly	93	19.7	21.6	84.4
	Daily	67	14.2	15.6	100.0
	Total	430	91.3	100.0	
Missing	System	41	8.7		
Total		471	100.0		

Outside school: Work with classmates to identify and solve problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	160	34.0	38.1	38.1
	3-4 times a year	75	15.9	17.9	56.0
	Monthly	78	16.6	18.6	74.5
	Weekly	68	14.4	16.2	90.7
	Daily	39	8.3	9.3	100.0
	Total	420	89.2	100.0	
Missing	System	51	10.8		
Total		471	100.0		

At school: Write my stories, essays and reports with a word processor

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	71	15.1	16.3	16.3
	3-4 times a year	71	15.1	16.3	32.6
	Monthly	123	26.1	28.2	60.8
	Weekly	106	22.5	24.3	85.1
	Daily	65	13.8	14.9	100.0
	Total	436	92.6	100.0	
Missing	System	35	7.4		
Total		471	100.0		

Outside school: Write my stories, essays and reports with a word processor

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	75	15.9	17.5	17.5
	3-4 times a year	73	15.5	17.0	34.5
	Monthly	113	24.0	26.3	60.8
	Weekly	90	19.1	21.0	81.8

Outside school: Write my stories, essays and reports with a word processor

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	78	16.6	18.2	100.0
	Total	429	91.1	100.0	
Missing	System	42	8.9		
Total		471	100.0		

At school: Make my own drawings, images or graphics to explain concepts or ideas to others

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	195	41.4	43.6	43.6
	3-4 times a year	84	17.8	18.8	62.4
	Monthly	73	15.5	16.3	78.7
	Weekly	49	10.4	11.0	89.7
	Daily	46	9.8	10.3	100.0
	Total	447	94.9	100.0	
Missing	System	24	5.1		
Total		471	100.0		

Outside school: Make my own drawings, images or graphics to explain concepts or ideas to others

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	161	34.2	37.6	37.6
	3-4 times a year	92	19.5	21.5	59.1
	Monthly	77	16.3	18.0	77.1
	Weekly	54	11.5	12.6	89.7
	Daily	44	9.3	10.3	100.0
	Total	428	90.9	100.0	
Missing	System	43	9.1		
Total		471	100.0		

At school: Collect samples of my work with technology tools

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	241	51.2	55.0	55.0
	3-4 times a year	80	17.0	18.3	73.3
	Monthly	55	11.7	12.6	85.8
	Weekly	44	9.3	10.0	95.9
	Daily	18	3.8	4.1	100.0
	Total	438	93.0	100.0	

At school: Collect samples of my work with technology tools

	Frequency	Percent	Valid Percent	Cumulative Percent
Missing System	33	7.0		
Total	471	100.0		

Outside school: Collect samples of my work with technology tools

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	231	49.0	54.9	54.9
3-4 times a year	61	13.0	14.5	69.4
Monthly	65	13.8	15.4	84.8
Weekly	42	8.9	10.0	94.8
Daily	22	4.7	5.2	100.0
Total	421	89.4	100.0	
Missing System	50	10.6		
Total	471	100.0		

At school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	168	35.7	39.2	39.2
3-4 times a year	96	20.4	22.4	61.5
Monthly	93	19.7	21.7	83.2
Weekly	42	8.9	9.8	93.0
Daily	30	6.4	7.0	100.0
Total	429	91.1	100.0	
Missing System	42	8.9		
Total	471	100.0		

Outside school: Learn to use the multimedia presentation skills (links, navigation, transitions, inserting pictures)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	150	31.8	35.8	35.8
3-4 times a year	78	16.6	18.6	54.4
Monthly	91	19.3	21.7	76.1
Weekly	60	12.7	14.3	90.5
Daily	40	8.5	9.5	100.0
Total	419	89.0	100.0	
Missing System	52	11.0		
Total	471	100.0		

At school: Publish my work online so others can learn from me

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	299	63.5	70.0	70.0
	3-4 times a year	46	9.8	10.8	80.8
	Monthly	29	6.2	6.8	87.6
	Weekly	38	8.1	8.9	96.5
	Daily	15	3.2	3.5	100.0
	Total	427	90.7	100.0	
Missing	System	44	9.3		
Total		471	100.0		

Outside school: Publish my work online so others can learn from me

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	268	56.9	63.8	63.8
	3-4 times a year	57	12.1	13.6	77.4
	Monthly	41	8.7	9.8	87.1
	Weekly	34	7.2	8.1	95.2
	Daily	20	4.2	4.8	100.0
	Total	420	89.2	100.0	
Missing	System	51	10.8		
Total		471	100.0		

At school: Analyze and organize patterns of information with a database

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	262	55.6	61.6	61.6
	3-4 times a year	62	13.2	14.6	76.2
	Monthly	46	9.8	10.8	87.1
	Weekly	28	5.9	6.6	93.6
	Daily	27	5.7	6.4	100.0
	Total	425	90.2	100.0	
Missing	System	46	9.8		
Total		471	100.0		

Outside school: Analyze and organize patterns of information with a database

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	251	53.3	61.7	61.7
	3-4 times a year	69	14.6	17.0	78.6
	Monthly	49	10.4	12.0	90.7
	Weekly	21	4.5	5.2	95.8

Outside school: Analyze and organize patterns of information with a database

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	17	3.6	4.2	100.0
	Total	407	86.4	100.0	
Missing	System	64	13.6		
Total		471	100.0		

At school: Send and Receive e-mail for school projects with Classmates or Teachers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	223	47.3	53.0	53.0
	3-4 times a year	76	16.1	18.1	71.0
	Monthly	53	11.3	12.6	83.6
	Weekly	45	9.6	10.7	94.3
	Daily	24	5.1	5.7	100.0
	Total	421	89.4	100.0	
Missing	System	50	10.6		
Total		471	100.0		

Outside school: Send and Receive e-mail for school projects with Classmates or Teachers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	166	35.2	40.4	40.4
	3-4 times a year	87	18.5	21.2	61.6
	Monthly	81	17.2	19.7	81.3
	Weekly	51	10.8	12.4	93.7
	Daily	26	5.5	6.3	100.0
	Total	411	87.3	100.0	
Missing	System	60	12.7		
Total		471	100.0		

At school: Work with others outside my classroom to solve real life problems (e.g., collaborative or group projects)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	164	34.8	38.7	38.7
	3-4 times a year	96	20.4	22.6	61.3
	Monthly	69	14.6	16.3	77.6
	Weekly	66	14.0	15.6	93.2
	Daily	29	6.2	6.8	100.0
	Total	424	90.0	100.0	

At school: Work with others outside my classroom to solve real life problems (e.g., collaborative or group projects)

		Frequency	Percent	Valid Percent	Cumulative Percent
Missing	System	47	10.0		
Total		471	100.0		

Outside school: Work with others outside my classroom to solve real life problems (e.g., collaborative or group projects)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	128	27.2	30.9	30.9
	3-4 times a year	105	22.3	25.4	56.3
	Monthly	84	17.8	20.3	76.6
	Weekly	57	12.1	13.8	90.3
	Daily	40	8.5	9.7	100.0
Total		414	87.9	100.0	
Missing	System	57	12.1		
Total		471	100.0		

At school: Develop digital products sharing my thinking and original ideas

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	241	51.2	56.2	56.2
	3-4 times a year	71	15.1	16.6	72.7
	Monthly	59	12.5	13.8	86.5
	Weekly	40	8.5	9.3	95.8
	Daily	18	3.8	4.2	100.0
Total		429	91.1	100.0	
Missing	System	42	8.9		
Total		471	100.0		

Outside school: Develop digital products sharing my thinking and original ideas

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	197	41.8	48.2	48.2
	3-4 times a year	92	19.5	22.5	70.7
	Monthly	60	12.7	14.7	85.3
	Weekly	38	8.1	9.3	94.6
	Daily	22	4.7	5.4	100.0
Total		409	86.8	100.0	
Missing	System	62	13.2		
Total		471	100.0		

At school: Teach what I have learned to other students and/or adults

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	149	31.6	34.7	34.7
	3-4 times a year	105	22.3	24.4	59.1
	Monthly	88	18.7	20.5	79.5
	Weekly	47	10.0	10.9	90.5
	Daily	41	8.7	9.5	100.0
	Total	430	91.3	100.0	
Missing	System	41	8.7		
Total		471	100.0		

Outside school: Teach what I have learned to other students and/or adults

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	114	24.2	27.9	27.9
	3-4 times a year	107	22.7	26.2	54.0
	Monthly	93	19.7	22.7	76.8
	Weekly	52	11.0	12.7	89.5
	Daily	43	9.1	10.5	100.0
	Total	409	86.8	100.0	
Missing	System	62	13.2		
Total		471	100.0		

At school: Research and gather facts online for school work

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	63	13.4	14.9	14.9
	3-4 times a year	73	15.5	17.3	32.2
	Monthly	136	28.9	32.2	64.3
	Weekly	109	23.1	25.8	90.1
	Daily	42	8.9	9.9	100.0
	Total	423	89.8	100.0	
Missing	System	48	10.2		
Total		471	100.0		

Outside school: Research and gather facts online for school work

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	51	10.8	12.3	12.3
	3-4 times a year	74	15.7	17.8	30.0
	Monthly	129	27.4	31.0	61.1
	Weekly	112	23.8	26.9	88.0

Outside school: Research and gather facts online for school work

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	50	10.6	12.0	100.0
	Total	416	88.3	100.0	
Missing	System	55	11.7		
Total		471	100.0		

At school: Explore problems and create solutions

		Frequency	Percent
Missing	System	471	100.0

Outside school: Explore problems and create solutions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	157	33.3	35.8	35.8
	3-4 times a year	83	17.6	18.9	54.8
	Monthly	95	20.2	21.7	76.5
	Weekly	60	12.7	13.7	90.2
	Daily	43	9.1	9.8	100.0
	Total	438	93.0	100.0	
Missing	System	33	7.0		
Total		471	100.0		

At school: Take tests online

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	146	31.0	34.3	34.3
	3-4 times a year	145	30.8	34.0	68.3
	Monthly	74	15.7	17.4	85.7
	Weekly	37	7.9	8.7	94.4
	Daily	24	5.1	5.6	100.0
	Total	426	90.4	100.0	
Missing	System	45	9.6		
Total		471	100.0		

Outside school: Take tests online

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	187	39.7	44.7	44.7
	3-4 times a year	107	22.7	25.6	70.3
	Monthly	71	15.1	17.0	87.3
	Weekly	31	6.6	7.4	94.7

Outside school: Take tests online

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daily	22	4.7	5.3	100.0
	Total	418	88.7	100.0	
Missing	System	53	11.3		
Total		471	100.0		

At school: Develop efficient strategies for finding and evaluating online information

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	194	41.2	46.6	46.6
	3-4 times a year	82	17.4	19.7	66.3
	Monthly	73	15.5	17.5	83.9
	Weekly	44	9.3	10.6	94.5
	Daily	23	4.9	5.5	100.0
	Total	416	88.3	100.0	
Missing	System	55	11.7		
Total		471	100.0		

Outside school: Develop efficient strategies for finding and evaluating online information

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	182	38.6	45.2	45.2
	3-4 times a year	82	17.4	20.3	65.5
	Monthly	69	14.6	17.1	82.6
	Weekly	43	9.1	10.7	93.3
	Daily	27	5.7	6.7	100.0
	Total	403	85.6	100.0	
Missing	System	68	14.4		
Total		471	100.0		

At school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	242	51.4	58.0	58.0
	3-4 times a year	62	13.2	14.9	72.9
	Monthly	54	11.5	12.9	85.9
	Weekly	31	6.6	7.4	93.3
	Daily	28	5.9	6.7	100.0
	Total	417	88.5	100.0	

At school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)

	Frequency	Percent	Valid Percent	Cumulative Percent
Missing System	54	11.5		
Total	471	100.0		

Outside school: Networking and sharing resources with others (blogging , podcasting, wikis, chatroom, discussion boards, and community websites)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	154	32.7	37.7	37.7
3-4 times a year	64	13.6	15.7	53.4
Monthly	74	15.7	18.1	71.6
Weekly	59	12.5	14.5	86.0
Daily	57	12.1	14.0	100.0
Total	408	86.6	100.0	
Missing System	63	13.4		
Total	471	100.0		

At school: Work with others in my class to develop group digital products

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	208	44.2	50.2	50.2
3-4 times a year	79	16.8	19.1	69.3
Monthly	68	14.4	16.4	85.7
Weekly	42	8.9	10.1	95.9
Daily	17	3.6	4.1	100.0
Total	414	87.9	100.0	
Missing System	57	12.1		
Total	471	100.0		

Outside school: Work with others in my class to develop group digital products

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Seldom or never	211	44.8	52.5	52.5
3-4 times a year	70	14.9	17.4	69.9
Monthly	66	14.0	16.4	86.3
Weekly	34	7.2	8.5	94.8
Daily	21	4.5	5.2	100.0
Total	402	85.4	100.0	
Missing System	69	14.6		
Total	471	100.0		

At school: Explore and learn topics of my own choice

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	149	31.6	35.6	35.6
	3-4 times a year	92	19.5	22.0	57.7
	Monthly	93	19.7	22.2	79.9
	Weekly	57	12.1	13.6	93.5
	Daily	27	5.7	6.5	100.0
	Total	418	88.7	100.0	
Missing	System	53	11.3		
Total		471	100.0		

Outside school: Explore and learn topics of my own choice

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	104	22.1	25.2	25.2
	3-4 times a year	79	16.8	19.2	44.4
	Monthly	85	18.0	20.6	65.0
	Weekly	65	13.8	15.8	80.8
	Daily	79	16.8	19.2	100.0
	Total	412	87.5	100.0	
Missing	System	59	12.5		
Total		471	100.0		

At school: Use simulations or mathematical models to help understand difficult problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	196	41.6	46.9	46.9
	3-4 times a year	86	18.3	20.6	67.5
	Monthly	64	13.6	15.3	82.8
	Weekly	47	10.0	11.2	94.0
	Daily	25	5.3	6.0	100.0
	Total	418	88.7	100.0	
Missing	System	53	11.3		
Total		471	100.0		

Outside school: Use simulations or mathematical models to help understand difficult problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Seldom or never	196	41.6	47.8	47.8
	3-4 times a year	70	14.9	17.1	64.9
	Monthly	64	13.6	15.6	80.5

Outside school: Use simulations or mathematical models to help understand difficult problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Weekly	45	9.6	11.0	91.5
	Daily	35	7.4	8.5	100.0
	Total	410	87.0	100.0	
Missing	System	61	13.0		
Total		471	100.0		