



# TechYES

## 2009-2010

### National Evaluation Data

*Prepared by Generation YES*



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This report includes data from all schools, students and teachers who participated in the online survey components of the TechYES program during the 2009-2010 school year.

## TechYES 2009-2010 National Data

Each year, Generation YES provides annual summative TechYES reports on a national, regional (district) and school level. The reports are generated from two sources:

1. **Data from the TechYES website** – Throughout the school year students input information about their two required TechYES projects. Both peer mentors and advisors perform assessments of these projects. Based on these assessments, ISTE NETS Proficiency scores are generated for each project. Each TechYES students' two project proficiency scores are combined to obtain the total student proficiency score.
2. **End of School Year Surveys** – Each TechYES student, peer mentor and advisor complete a survey asking questions about their TechYES experience.

Data from both these sources are combined to produce this Annual TechYES Report. This report not only provides information to help Generation YES improve the model, but help schools, districts, and funding agencies to:

- Monitor TechYES implementation in their school or district
- Compare results between school, district and national norms
- Provide evidence that their students are technology literate and meet the ISTE NETS as well as the national mandate that all 8<sup>th</sup> grade students are technology literate.
- See a summary of how the TechYES projects were integrated into all subject areas.
- See a summary of what technologies were used to produce TechYES projects.
- Provide the data that can help sustain and expand TechYES in a school or district.

Both the web-based and survey data measurements have been developed through many research studies conducted by prominent research agencies and individuals including Learning Point Associates, WestEd, Education Northwest, The Evergreen State College, Research by Design, and American Education Solutions.

TechYES was developed to provide schools with an alternative to high stakes multiple-choice assessment. A group of respected constructivist-based educators gathered to develop the TechYES model. This group included Generation YES founder Dr. Dennis Harper, Sylvia Martinez, Dr. Gary Stager, Dr. David Thornburg, Dr. John Vaille, Dr. Kathleen Fulton, Dr. Jayne James, and Marilyn Piper.

The resulting TechYES program provides schools with a model that emphasizes creative project-based learning, authentic assessment, and Generation YES's student-centered approach to technology support. Since 2004, hundreds of schools and

thousands of students have shown the efficacy of the TechYES model as a powerful solution to ensuring that all students are technology literate. TechYES provides fully participating schools with the following:

- A training on the online management and evaluation tools for the TechYES Advisor(s) and selected students
- Course materials, including curriculum guides, student resources, videos, custom web 2.0 tools, etc.
- Access to online resources and consultants for the development of student projects
- Data collection and reporting services to monitor program outcomes

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Data from these sources, collected during the 2009-2010 school year, are presented in the tables on the following pages.

Table 1: Group Student Data Summary

SCHOOL	ACTIVE STUDENTS	PEER MENTORS	PROJECTS STARTED	ADVISOR APPROVED	PLANNING FORMS	CERTIFICATES ISSUED	LAST CERTIFICATE APPROVED	TOTAL LIFETIME CERTIFICATES	CERTIFICATES PURCHASED	% USED
Addelita Cancryn Junior High School	0	21	26	0	17	0		0	328	0%
Argyle Jr./Sr. High School	57	3	79	0	47	0		0	100	0%
Bertha C. Boschulte	253	29	307	188	247	89	2010-06-11	89	383	23%
Bethlehem Central Middle School	16	398	717	533	679	248	2010-06-16	646	725	89%
Bolton Central School	28	3	51	42	5	19	2010-06-10	19	50	38%
Bowie Middle School	11	3	3	0	2	0		0	30	0%
Broadalbin-Perth Middle School	150	4	260	254	1	112	2010-04-21	143	205	70%
Brody Middle School	0	0	0	0	0	0		0	40	0%
Computers 4 Kids	35	0	2	0	0	0	2008-10-31	68	100	68%
Crockett Middle School	0	0	2	0	0	0		0	200	0%
DeZavala Middle School	1	1	1	0	0	0		0	35	0%
Eura Brown Elementary School	0	0	0	0	0	0	2009-05-27	34	65	52%
Firebaugh Middle School	63	0	126	125	0	31	2010-04-01	31	180	17%
Fonda-Fultonville Middle School	97	0	179	175	9	85	2010-06-23	165	190	87%
Fort Ann Central School	35	7	83	72	76	36	2010-06-16	36	47	77%

Fort Plain Jr./Sr. High School	56	0	117	108	109	54	2010-06-09	94	165	57%
Galway Middle School	94	4	200	194	3	96	2010-06-07	198	240	83%
Glens Falls Middle School	169	0	386	386	0	183	2010-03-31	348	390	89%
Gloversville Middle School	166	7	340	340	0	169	2010-06-09	305	330	92%
Granville Elementary	0	0	0	0	0	0	2009-05-21	207	219	95%
Granville Elementary School	62	40	195	187	164	91	2010-06-10	298	350	85%
Greenwich Jr./Sr. High School	22	0	28	8	15	4	2010-03-31	4	80	5%
Houston Middle School	14	2	12	5	1	2	2010-05-25	2	50	4%
Hudson Falls Middle School	71	7	38	20	0	0	2009-05-04	123	330	37%
Indian Lake Central School	12	3	34	0	0	0		0	30	0%
Irving Islamic School	46	7	89	82	57	40	2010-05-17	40	40	100%
Jamestown Elementary School	0	0	0	0	0	0	2009-06-10	194	162	120%
Johnsburg Central School	21	2	43	35	36	12	2010-06-18	12	22	55%
Knox Junior High School	76	30	199	164	116	75	2010-02-04	97	200	49%
LaFargeville Central	0	0	0	0	0	0	2009-06-12	163	183	89%
Lake George Jr./Sr. High School	2	3	6	4	5	2	2009-12-08	2	100	2%
Lake Pleasant Central School	8	5	18	16	0	7	2010-06-18	21	44	48%
Lamar	29	2	22	0	7	0		0	30	0%

Middle School										
Larned Middle School	0	0	0	0	0	0	2009-05-22	41	113	36%
Lathrop Elementary School	1	0	2	2	0	1	2009-09-09	1	70	1%
Long Island Lutheran Middle & High School	48	3	37	0	16	0		0	108	0%
Lynch Literacy Academy	94	171	435	178	292	79	2010-06-17	305	420	73%
Maple Avenue Middle School	3	549	994	975	469	447	2010-06-17	492	1230	40%
Mayfield Jr./Sr. High School	60	14	146	142	0	73	2010-05-17	150	176	85%
Meeker Middle School	129	3	239	238	3	114	2010-05-04	214	287	75%
Meridian Middle School	59	0	113	81	19	39	2010-06-02	100	315	32%
Mill Creek Middle School	396	55	760	696	167	314	2010-06-16	602	645	93%
MS 113	48	11	52	51	5	25	2010-06-09	25	90	28%
New Holstein Elementary /Middle School	73	0	144	144	0	72	2010-06-09	300	430	70%
Northville Jr./Sr. High School	53	0	74	72	0	37	2010-06-10	42	60	70%
Oliver Winch Middle School	163	5	155	155	131	3	2009-08-03	12	610	2%
Redding School of the Arts	20	0	0	0	0	0		0	30	0%
Reeds Spring High School	10	8	20	19	16	9	2010-05-06	9	30	30%
Saint	0	92	53	50	2	25	2010-05-	25	90	28%

James School							24			
Salem Jr./Sr. High School	35	13	96	95	69	47	2010-04-23	47	75	63%
Saratoga Central Catholic	23	2	50	50	40	25	2010-04-29	25	60	42%
Schuylerville Jr./Sr. High School	0	2	0	0	0	0		0	140	0%
St. Johnsville Middle/High School	24	1	76	46	64	23	2010-06-15	24	30	80%
St. Mary's Institute	11	18	26	22	22	13	2010-06-14	58	62	94%
St. Mary's School	0	0	0	0	0	0	2008-06-16	8	30	27%
St. Mary's/St. Alphonsus	15	11	53	52	46	26	2010-06-11	80	135	59%
The Bridges Academy	19	2	39	21	15	10	2010-06-03	14	30	47%
Travis Middle School	9	5	19	14	12	4	2010-04-15	4	35	11%
USD 281	20	0	1	1	0	0	2009-02-03	135	138	98%
Wells Central School	19	2	38	38	4	19	2010-06-14	20	30	67%
Woodward Academy	159	20	156	153	1	76	2010-05-17	76	370	21%
YWCA upec	8	0	2	1	1	0		0	0	0%
<b>Total</b>	<b>2480</b>	<b>1568</b>	<b>7343</b>	<b>6234</b>	<b>2990</b>	<b>2836</b>	<b>2010-06-23</b>	<b>6148</b>	<b>11482</b>	<b>54%</b>
<b>Averages</b>	<b>40.00</b>	<b>25.29</b>	<b>118.44</b>	<b>100.55</b>	<b>48.23</b>	<b>45.74</b>		<b>99</b>	<b>185</b>	



Table 2: Group Peer Mentor Data Summary

SCHOOL	PEER MENTORS (PMS)	CERTIFIED PMS	STUDENTS	RATIO	PENDING PROJECTS	UNCLAIMED PROJECTS	APPROVED PROJECTS	LAST APPROVED PROJECT	BLOG ENTRIES	WIKI ARTICLES
Addelita Cancryn Junior High School	21	0	0	n/a	3	23	0		2	0
Argyle Jr./Sr. High School	3	0	57	19.00	17	61	1	2009-11-07	0	0
Bertha C. Boschulte	29	18	252	8.69	33	169	123	2010-05-13	8	0
Bethlehem Central Middle School	398	247	15	0.04	14	98	618	2010-06-17	3	1
Bolton Central School	3	0	24	8.00	0	6	42	2010-05-19	1	0
Bowie Middle School	3	0	11	3.67	0	1	2	2009-12-08	2	0
Broadalbin-Perth Middle School	4	0	97	24.25	0	260	4	2009-07-30	0	0
Brody Middle School	0	0	0	n/a	0	0	0		0	0
Computers 4 Kids	0	0	0	n/a	0	2	0		0	0
Crockett Middle School	0	0	0	n/a	0	2	0		0	0
DeZavala Middle School	1	0	1	1.00	0	0	1	2009-12-08	0	0
Eura Brown Elementary School	0	0	0	n/a	0	0	0		0	0
Firebaugh Middle School	0	0	33	n/a	0	126	0		479	0
Fonda-Fultonville Middle School	0	0	76	n/a	0	140	40	2010-05-20	2	0
Fort Ann Central School	7	7	35	5.00	2	55	11	2010-06-03	0	1
Fort Plain	0	0	56	n/a	0	117	4	2009-07-	0	0

Jr./Sr. High School								30		
Galway Middle School	4	0	84	21.00	0	185	4	2010-01-20	0	0
Glens Falls Middle School	0	0	0	n/a	0	386	0		0	0
Gloversville Middle School	7	6	166	23.71	0	3	326	2010-03-29	7	0
Granville Elementary	0	0	0	n/a	0	0	0		0	0
Granville Elementary School	40	31	58	1.45	0	135	53	2010-05-04	1	1
Greenwich Jr./Sr. High School	0	0	22	n/a	1	25	0		2	1
Houston Middle School	2	0	14	7.00	0	12	0		1	0
Hudson Falls Middle School	7	5	71	10.14	0	38	0		35	0
Indian Lake Central School	3	0	12	4.00	0	34	0		2	1
Irving Islamic School	7	0	44	6.29	5	75	77	2010-05-17	0	0
Jamestown Elementary School	0	0	0	n/a	0	0	0		0	0
Johnsburg Central School	2	0	21	10.50	0	27	12	2010-05-04	0	0
Knox Junior High School	30	26	76	2.53	4	54	127	2010-02-01	5	0
LaFargeville Central	0	0	0	n/a	0	0	0		0	0
Lake George Jr./Sr. High School	3	2	2	0.67	0	4	3	2009-12-03	1	0
Lake Pleasant Central School	5	5	8	1.60	0	6	8	2010-06-18	0	0
Lamar Middle	2	0	29	14.50	0	21	1	2009-12-08	0	0

School										
Larned Middle School	0	0	0	n/a	0	0	0		0	0
Lathrop Elementary School	0	0	0	n/a	0	2	0		0	0
Long Island Lutheran Middle & High School	3	0	48	16.00	0	37	0		1	0
Lynch Literacy Academy	171	72	86	0.50	25	21	383	2010-06-16	16	0
Maple Avenue Middle School	549	444	3	0.01	7	338	450	2010-06-14	2	0
Mayfield Jr./Sr. High School	14	14	58	4.14	0	83	64	2010-05-04	0	0
Meeker Middle School	3	1	129	43.00	0	210	25	2010-02-04	0	0
Meridian Middle School	0	0	19	n/a	0	113	0		0	0
Mill Creek Middle School	55	21	380	6.91	18	350	351	2010-06-07	16	4
MS 113	11	11	40	3.64	0	52	0		0	0
New Holstein Elementary /Middle School	0	0	0	n/a	0	144	0		0	0
Northville Jr./Sr. High School	0	0	17	n/a	0	74	2	2009-07-30	0	0
Oliver Winch Middle School	5	0	160	32.00	0	155	0		0	0
Redding School of the Arts	0	0	20	n/a	0	0	0		0	0
Reeds Spring High School	8	0	10	1.25	0	20	0		2	2
Saint James School	92	25	0	n/a	2	48	1	2009-07-13	41	0

Salem Jr./Sr. High School	13	13	35	2.69	0	7	67	2010-04-13	56	2
Saratoga Central Catholic	2	2	23	11.50	0	11	35	2010-03-25	4	0
Schuylerville Jr./Sr. High School	2	0	0	n/a	0	0	0		0	0
St. Johnsville Middle/High School	1	1	24	24.00	0	75	4	2009-07-30	0	0
St. Mary's Institute	18	2	11	0.61	0	5	20	2010-06-14	61	0
St. Mary's School	0	0	0	n/a	0	0	0		0	0
St. Mary's/St. Alphonsus	11	11	15	1.36	0	23	24	2010-05-25	4	0
The Bridges Academy	2	2	14	7.00	0	26	14	2010-05-27	0	0
Travis Middle School	5	1	9	1.80	0	9	10	2010-03-24	0	1
USD 281	0	0	20	n/a	0	1	0		248	0
Wells Central School	2	1	12	6.00	0	16	22	2010-06-11	4	1
Woodward Academy	20	0	81	4.05	0	155	1	2009-08-12	19	9
YWCA upec	0	0	2	n/a	0	2	0		0	2
<b>Total</b>	<b>1568</b>	<b>968</b>	<b>2480</b>	<b>1.58</b>	<b>625</b>	<b>4042</b>	<b>2930</b>	<b>2010-06-18</b>	<b>1025</b>	<b>26</b>
<b>Averages</b>	<b>25.29</b>	<b>15.61</b>	<b>40.00</b>	<b>1.58</b>	<b>10.08</b>	<b>65.19</b>	<b>47.26</b>		<b>16.53</b>	<b>0.42</b>

# TechYES Advisor Annual Survey Results

At the close of each TechYES class, Advisors are asked to complete an online report that includes questions about the TechYES projects done in their school, the technical and administrative infrastructure in their school, and their ratings of the usefulness of the TechYES model, curriculum components, online services, etc. The tables in this section provide a summary of their responses.

**Table 3: TechYES Implementation**

**TechYES students completed their TechYES projects with the following formats):**

	YES
Students were assigned the projects for a technology class	57.6%
Students were assigned the projects for another class	57.6%
Students were given class time to work on projects	87.9%
Students worked independently on TechYES Projects	60.6%
ALL students in a particular grade level participated in TechYES	81.8%
Only selected students participated in TechYES	15.2%
TechYES Certification was required	72.7%
TechYES Certification was voluntary	24.2%

(percent out of approximately 33 reporting)

**Table 4: Peer Mentor Meeting Formats**

**The TechYES Peer Mentor meetings had the following meeting format(s):**

	YES
Regularly scheduled after-school club	36.4%
Regularly scheduled lunchtime club	6.1%
After school (drop-in)	30.3%
During school (drop-in)	24.2%
As part of a regularly scheduled class	33.3%
other	0.0%

(percent out of approximately 5 reporting)

**Table 5: Effectiveness of TechYES**

**Please rate the extent to which you agree or disagree with the following statements:**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION

The Peer Mentors were essential to the success of TechYES.	28.1%	25.0%	15.6%	9.4%	18.8%	3.1%	0.0%
Middle school students are mature enough to be successful Peer Mentors.	22.6%	32.3%	32.3%	6.5%	6.5%	0.0%	0.0%
TechYES is a good way to ensure middle school students are technology literate.	45.2%	29.0%	6.5%	9.7%	6.5%	3.2%	0.0%
Having all middle school students technology literate is important in my school.	65.6%	28.1%	3.1%	0.0%	0.0%	0.0%	3.1%
Having all middle school students receive their National TechYES certificate is important to my school.	40.6%	21.9%	25.0%	3.1%	3.1%	0.0%	6.3%
There was enough time for the students to complete their two projects.	43.8%	34.4%	6.3%	6.3%	6.3%	3.1%	0.0%
TechYES in an effective strategy for "bridging the digital divide.	46.9%	25.0%	15.6%	0.0%	6.3%	3.1%	3.1%
By doing TechYES projects, students learned more about core curriculum subjects.	21.9%	28.1%	28.1%	9.4%	3.1%	9.4%	0.0%
The TechYES program improved the school-wide use of technology.	34.4%	21.9%	21.9%	9.4%	6.3%	6.3%	0.0%

(percent out of approximately 32 reporting)

## Table 6: Support and Resources

**Please rate the extent to which you agree or disagree with the following statements:**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
The TechYES project evaluation process is an effective way to review student work.	21.9%	28.1%	40.6%	3.1%	3.1%	3.1%	0.0%
Obtaining TechYES Certificates was an easy process.	25.0%	37.5%	18.8%	9.4%	3.1%	3.1%	3.1%
Generation YES staff provided sufficient TechYES support.	65.6%	18.8%	6.3%	0.0%	6.3%	0.0%	3.1%
The initial TechYES phone training provided necessary background information for the adult advisor.	35.5%	22.6%	3.2%	3.2%	6.5%	3.2%	25.8%
The TechYES Implementation Guide was useful.	28.1%	34.4%	18.8%	3.1%	3.1%	3.1%	9.4%
The Student Guides were well received by the students.	32.3%	35.5%	16.1%	6.5%	3.2%	0.0%	6.5%

The Gather, Organize, Construct, and Share framework was useful in providing a framework for student projects.	53.1%	21.9%	15.6%	0.0%	0.0%	6.3%	3.1%
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(percent out of approximately 32 reporting)

### Table 7: Online Tools

**Please rate the extent to which you agree or disagree with the following statements:**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
It was easy to communicate with Peer Mentors using the online tools (blog, wiki, etc).	3.1%	25.0%	12.5%	12.5%	6.3%	6.3%	34.4%
The online evaluation tools made evaluation easier than using "offline", paper evaluation forms.	22.6%	32.3%	19.4%	6.5%	3.2%	3.2%	12.9%
The Advisor Dashboard was useful in helping me keep my classes and students organized.	28.1%	21.9%	28.1%	3.1%	9.4%	3.1%	6.3%
The online Reports were useful for tracking students' progress.	28.1%	21.9%	15.6%	6.3%	9.4%	3.1%	15.6%
The TechYES website provided valuable resources for the TechYES Advisor.	34.4%	34.4%	15.6%	0.0%	6.3%	3.1%	6.3%
The TechYES website provided valuable resources for students.	21.9%	31.3%	25.0%	3.1%	6.3%	3.1%	9.4%

(percent out of approximately 32 reporting)

### Table 8

**Did teachers allow students to use TechYES projects as class assignments?**

Yes	87.5%
No	12.5%

(Percent out of approximately 32 reporting)

### Table 9

**How many TechYES projects were completed in languages other than English?**

None	93.8%
A few	3.1%
Some	0.0%

Most	0.0%
All	3.1%

(Percent out of approximately 32 reporting)

## Tables 10-11: TechYES Curriculum

### Table 10

**Please check the box best describing how helpful you found each activity in the TechYES Basic Curriculum:**

	VERY USEFUL	SOMEWHAT USEFUL	NOT USEFUL	DID NOT USE
Unit 0: Preparing Peer Mentors	35.5%	35.5%	6.5%	22.6%
Unit 1: Introduction to TechYES and Internet Safety and Ethics	59.4%	25.0%	6.3%	9.4%
Unit 2: Becoming a Web Critic	46.9%	37.5%	3.1%	12.5%
Unit 3: TechYES Projects	51.6%	32.3%	6.5%	9.7%

(percent out of approximately 31 reporting)

### Table 11

**If your school TechYES License includes the additional eleven units of curriculum, please check the box that best describes how helpful you found each unit.**

	VERY USEFUL	SOMEWHAT USEFUL	NOT USEFUL	DID NOT USE
Unit 4: Digital Publishing and Presentations	19.0%	23.8%	0.0%	57.1%
Unit 5: Web Page Publishing	14.3%	19.0%	0.0%	66.7%
Unit 6: Online Collaboration and Web 2.0	14.3%	14.3%	0.0%	71.4%
Unit 7: Media Literacy	14.3%	19.0%	0.0%	66.7%
Unit 8: TechYES Project #1	30.0%	10.0%	0.0%	60.0%
Unit 9: Graphics	19.0%	14.3%	0.0%	66.7%
Unit 10: Digital Audio	19.0%	14.3%	0.0%	66.7%
Unit 11: Digital Video	19.0%	14.3%	0.0%	66.7%
Unit 12: Computer Programming and Game Design	9.5%	14.3%	0.0%	76.2%
Unit 13: Data, Simulation, and Modeling	9.5%	14.3%	0.0%	76.2%
Unit 14: TechYES Project #2, Celebration and Wrap-up	20.0%	10.0%	0.0%	70.0%



(percent out of approximately 20 reporting)

## Tables 12-13: TechYES Student Improvement

### Table 12

**Please rate the TechYES Students' level in the following areas AFTER their TechYES experience:**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Academic Skills	16.1%	29.0%	41.9%	12.9%
Interpersonal Skills	9.7%	19.4%	51.6%	19.4%
Self-Esteem	9.7%	12.9%	35.5%	41.9%

(percent out of approximately 31 reporting)

### Table 13

**Please rate the Students' ability to use knowledge/skills in the following areas AFTER their TechYES experience**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Software Applications	6.7%	3.3%	43.3%	46.7%
Hardware	10.0%	16.7%	46.7%	26.7%
Network Use	13.3%	23.3%	26.7%	36.7%
Internet Safety and Nettiquete	3.3%	16.7%	46.7%	33.3%
Evaluating Web Resources	10.0%	13.3%	53.3%	23.3%

(percent out of approximately 30 reporting)

## Tables 14-15: TechYES Peer Mentor Improvement

### Table 14

**Please rate the TechYES Peer Mentors' level in the following areas AFTER their TechYES experience:**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Academic Skills	10.0%	20.0%	56.7%	13.3%
Interpersonal Skills	6.7%	10.0%	40.0%	43.3%
Self-Esteem	6.7%	0.0%	40.0%	53.3%

(percent out of approximately 30 reporting)

### Table 15

**Please rate the TechYES Peer Mentors' levels in the following areas AFTER their TechYES experience:**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Technology Skills	3.2%	12.9%	41.9%	41.9%
Tutoring Skills	3.2%	19.4%	41.9%	35.5%
Project/Student Evaluation Skills	0.0%	22.6%	48.4%	29.0%
Leadership Skills	0.0%	12.9%	41.9%	45.2%

(percent out of approximately 31 reporting)

### Table 16: TechYES Advisor Improvement

**Please rate your own knowledge/skills in the following areas BEFORE and AFTER your TechYES experience:**

	1 - BEGINNER	2	3	4 - EXPERT
Technology skills (before)	16.1%	22.6%	41.9%	19.4%
Technology skills (after)	16.1%	12.9%	32.3%	38.7%
Use of Project Based Learning (before)	16.1%	35.5%	35.5%	12.9%
Use of Project Based Learning (after)	6.5%	22.6%	35.5%	35.5%
Collaborating with students (before)	16.1%	19.4%	58.1%	6.5%
Collaborating with students (after)	6.5%	19.4%	38.7%	35.5%
Ability to teach technology (before)	16.1%	19.4%	48.4%	16.1%
Ability to teach technology (after)	6.5%	16.1%	35.5%	41.9%
Authentic Assessment (before)	16.1%	16.1%	58.1%	9.7%
Authentic Assessment (after)	9.7%	9.7%	45.2%	35.5%

(percent out of approximately 31 reporting)

### Table 17: Administrative Support

**Was the TechYES Program supported by your school's administration?**

Yes	80.6%
No	0.0%
Somewhat	19.4%

(Percent out of approximately 31 reporting)

### Tables 18-19: Future of TechYES in the school

#### Table 18

**Is your school likely to continue a technology literacy program next year?**

Yes	80.0%
No	0.0%
Not Sure	20.0%

(Percent out of approximately 30 reporting)

**Table 19**

**If so, is your school likely to use TechYES to meet its tech literacy goal?**

Yes	77.4%
No	0.0%
Not Sure	22.6%

(Percent out of approximately 31 reporting)

**Table 20: Open Ended-Responses**

**Is there anything else about the TechYES program you'd like to share that was not addressed by the previous questions?**

The students list should be alphabetize so it is somewhat easier to manipulate. having the ability to do a search for a student name are some of the capabilities needed in the program. removing students should be done by the tech advisor not having to call the company it is a hard sell.

The techyes website still has several glitches that need to be worked out. for example: when approving a student, you should not have to go back to the dashboard and scroll down to find the student again to approve the other project. the site is too slow moving between menus.

Megan and Rachel provided amazing tech support. it gave me the confidence i needed to complete the tech yes process. thanks!

I integrated the techyes program into my 6th grade technology class. i don't feel that the students had the necessary maturity to work independently on their projects. i also had great difficulty getting peer mentors together outside of class time. regular classroom teachers often kept them from participating for various reasons.

Can i get a shirt?

I am in the unique position of being the instructional technologist in my building. i did not work directly with students at all times so i didn't use the curriculum in the manner you describe above. however, there were three other teachers who incorporated the curriculum into their courses and you will see better data from them. because we have computer literacy classes, techyes did not provide a means to bridge the I

Website is really slow for the advisors. hard to navigate with the hundreds of students i have doing techyes. students in other classes were claiming and approving my student's work. each teacher or class should be separated so this mentoring approval doesn't happen haphazardly.

The portal was difficult for the students because it was slow loading and some students could not log in.

The portal was a nightmare to navigate! my stuff kept getting messed up by others....way to time consuming....took my kids off curriulim for to long...

What's the incentive for kids to "get certified" vs. just do the projects? it's an awful lot of work to get them all approved by peer mentors. why aren't there more peer mentors per class?

The booklets are kind of a pain. they are only used for three units and then they just hang around, get lost, tore up, etc. it would be better to have a webpage on each students account where they could read the sections and the "electronically" sign them.

Students were self-motivated when they were creating something that they liked while using technology they liked to use, which made my job easy. i played more of a facilitator role than a teacher role. great program!!!!!!

Not now

# TechYES Peer Mentor Annual Survey Results

At the end of each TechYES class, participating Peer Mentors are asked to complete a survey about their experiences working as a student leader. Peer Mentors are asked about changes in their attitudes and use of technology, the amount of time spent on tutoring, and their ratings of a number of dimensions related to the evaluation process. Their responses are summarized in the tables below.

**Table 21: Gender**

Male	50.0%
Female	50.0%

(Percent out of approximately 124 reporting)

**Table 22: Peer Mentor and Student Meeting Frequency**

**How often did you mentor students in technology over the past school year?**

Never	19.7%
Once	12.3%
2-5 Times	23.0%
6-10 Times	18.0%
11-20 Times	10.7%
> 20 Times	16.4%

(Percent out of approximately 122 reporting)

## Tables 23-24: Online Evaluation Tools

**Table 23: Did you evaluate projects using the online project evaluation form?**

Yes	57.3%
No	26.0%
Not sure	16.7%

(Percent out of approximately 96 reporting)

**Table 24**

**If you answered "Yes" to the previous question please fill out this section.**

	YES	NO	NOT SURE
Did you fill out the online evaluation while meeting with the student?	57.3%	26.0%	16.7%

Was it easy to "Claim" projects using the online tools?	71.1%	15.5%	13.4%
Was it easy to keep track of projects using the online tools?	69.5%	12.6%	17.9%
Did you also use offline "paper" evaluation forms located in your student guide?	43.8%	40.6%	15.6%
Did you use the online tools to communicate with your TechYES Advisor?	34.0%	43.3%	22.7%

(percent out of approximately 97 reporting)

## Tables 25-26: Peer Mentor Perceptions of TechYES Implementation

### Table 25

**Please rate the extent to which you agree or disagree with the following statements**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
TechYES is a good way to ensure middle school students are technology literate	55.3%	27.6%	8.9%	1.6%	0.8%	0.8%	4.9%
There was enough time for the students to complete their two projects	41.5%	32.5%	17.1%	4.1%	1.6%	0.0%	3.3%
The TechYES training was adequate for the Peer Mentors	37.2%	43.0%	4.1%	4.1%	1.7%	0.8%	9.1%
The Student Guides were well received by the students	43.3%	30.8%	15.0%	1.7%	0.8%	0.0%	8.3%
The Gather, Organize, Construct and Share framework was useful when you reviewed the student work	45.1%	23.0%	18.0%	4.1%	2.5%	0.0%	7.4%
The TechYES website provided valuable resources for students	37.7%	23.0%	18.9%	8.2%	3.3%	0.8%	8.2%
The Peer Mentors are essential to TechYES success	48.8%	29.3%	11.4%	2.4%	1.6%	2.4%	4.1%
Middle School students are mature enough to be successful peer mentors	46.3%	29.8%	14.0%	3.3%	1.7%	1.7%	3.3%

(percent out of approximately 121 reporting)

### Table 26

**Please rate the extent to which you agree or disagree with the following statements**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
The TechYES evaluation process helped me determine if students were technology literate	45.5%	27.6%	13.8%	3.3%	0.8%	1.6%	7.3%

Having all middle school students technology literate is important in my school	41.1%	29.0%	12.1%	5.6%	1.6%	2.4%	1.6%
Having all middle school students receive their national TechYES Certificate is important to my school	44.3%	28.7%	13.1%	2.5%	3.3%	1.6%	6.6%
The teachers at my school thought TechYES projects were useful	48.4%	32.0%	4.9%	3.3%	0.0%	0.8%	10.7%
It was easy to find time to meet with students to evaluate their projects	44.7%	24.4%	8.9%	8.1%	4.1%	3.3%	6.5%
I like being a Peer Mentor	54.9%	23.0%	8.2%	4.1%	0.8%	1.6%	7.4%
Being a Peer Mentor helped me with my schoolwork	38.3%	19.2%	18.3%	3.3%	5.8%	5.0%	10.0%
The students I worked with learned more about school subjects as a result of their TechYES projects	39.8%	27.6%	13.8%	2.4%	4.9%	4.1%	7.3%

(percent out of approximately 123 reporting)

## Tables 27-29: Peer Mentor Improvement

### Table 27

**Did being a Peer Mentor help you do better in school?**

Yes	59.3%
No	40.7%

(Percent out of approximately 123 reporting)

### Table 28

**Please rate your ability to use knowledge/skills in the following areas AFTER your TechYES experience**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Software Applications	7.6%	16.1%	38.1%	38.1%
Hardware	9.2%	22.7%	37.8%	30.3%
Network Use	9.2%	20.2%	35.3%	35.3%
Internet Safety and Netiquete	10.1%	10.9%	32.8%	46.2%
Evaluating Web Resources	9.6%	12.3%	36.0%	42.1%

(percent out of approximately 114 reporting)

### Table 29

**Please rate your ability as a Peer Mentor to use knowledge/skills in the following areas AFTER your TechYES experience**

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Technology Skills	7.6%	16.8%	25.2%	50.4%
Tutoring Skills	8.3%	19.2%	34.2%	38.3%
Project/Student Evaluation Skills	9.4%	8.5%	35.9%	46.2%
Leadership Skills	11.9%	16.9%	27.1%	44.1%
Academic Skills	10.8%	15.0%	29.2%	45.0%
Interpersonal Skills	12.5%	14.2%	33.3%	40.0%
Self-Esteem	12.5%	15.0%	26.7%	45.8%

(percent out of approximately 120 reporting)

### Table 30: The Future of TechYES in the school/district

**Would you like your school to continue TechYES next year?**

Yes	71.3%
No	9.0%
Not sure	19.7%

(Percent out of approximately 122 reporting)



# TechYES Student Annual Survey Results

Just before the class is over, students are prompted to complete an online survey. Questions include how much practice students gained in various skill areas, what kinds of projects were done, and how students rated their TechYES projects on several dimensions. The tables below summarize the outcomes reported by students.

**Table 31: Gender**

Male	51.5%
Female	48.5%

(Percent out of approximately 373 reporting)

**Table 32**

**Did you finish two TechYES Projects?**

Yes	64.4%
No	35.6%

(Percent out of approximately 365 reporting)

**Table 33**

**If not, do you plan on finishing your projects?**

Yes	36.6%
No	3.3%
Already Completed	60.1%

(Percent out of approximately 363 reporting)

**Table 34**

**Did you do your project as a team?**

Yes	20.9%
No	79.1%

(Percent out of approximately 368 reporting)

**Table 35: The Experience with Peer Mentors**

**Please rate the extent to which you agree or disagree with the following statements:**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
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I liked being evaluated by a Peer Mentor	19.0%	32.2%	23.6%	5.4%	4.9%	3.5%	11.4%
I received good advice and assistance when I went to a Peer Mentor	25.1%	34.9%	17.4%	6.8%	4.6%	3.3%	7.9%
The Peer Mentors helped me successfully complete my projects	26.9%	27.5%	15.4%	7.7%	8.0%	4.9%	9.6%
Middle school students are mature enough to be successful Peer Mentors	31.1%	28.1%	19.7%	7.6%	3.0%	3.8%	6.8%
I would like to be a Peer Mentor in the future	22.0%	16.8%	15.2%	9.5%	10.6%	12.7%	13.3%

(percent out of approximately 369 reporting)

### Table 36: Student and Peer Mentor Perceptions of the TechYES Implementation

**Please rate the extent to which you agree or disagree with the following statements:**

	STRONG AGREE	AGREE	SOMEWHAT AGREE	SOMEWHAT DISAGREE	DISAGREE	STRONGLY DISAGREE	NO OPINION
TechYES is a good way to help middle school students become technology literate	41.9%	33.5%	15.7%	3.6%	2.3%	1.7%	0.0%
There was enough time for me to complete my two projects	38.2%	34.2%	11.9%	4.0%	3.8%	1.5%	0.0%
The Student Guide was easy to read and understand	36.8%	37.4%	14.1%	4.8%	1.7%	0.6%	0.0%
The Gather, Organize, Construct and Share framework was useful in helping me develop my project	31.1%	35.0%	18.9%	6.4%	2.1%	3.0%	0.0%
How I go about developing my project was very clear	34.8%	38.4%	18.6%	2.7%	1.9%	1.9%	0.0%
Having all middle school students technology literate is important to my school	28.7%	31.0%	19.5%	7.8%	4.3%	2.5%	0.4%
Working on my TechYES projects helped me with other classes	21.3%	23.4%	20.4%	10.6%	10.0%	8.3%	0.0%
It was easy to log-in and access my project online	48.4%	31.5%	10.3%	4.5%	1.5%	1.7%	0.0%

(percent out of approximately 467 reporting)

### Tables 37-38: TechYES Projects

#### Table 37

**My two TechYES Projects were completed in the following subject areas:**

	NONE	ONE	BOTH
Social Studies	84.3%	13.0%	2.7%
Science	51.1%	19.2%	29.7%
Math	86.3%	11.2%	2.5%
Language Arts	66.4%	26.8%	6.8%
Foreign Language	90.1%	9.0%	0.8%
Art	72.7%	18.9%	8.5%
Music	76.8%	19.6%	3.6%
Health/PE	83.3%	13.7%	3.0%
Computer Science	57.2%	20.8%	22.1%
English as a Second Language	89.6%	8.7%	1.7%
Special Education	90.1%	7.7%	2.3%

(percent out of approximately 352 reporting)

### Table 38

#### Were your two TechYES Projects completed in a language other than English?

Yes, both my projects were in a language other than English	4.5%
One of my projects was in a language other than English	3.8%
No, both of my projects were completed in English	91.6%

(Percent out of approximately 442 reporting)

### Tables 39-40: TechYES Student Improvement

#### Table 39

#### Please rate your ability to use knowledge/skills in the following areas AFTER your TechYES experience:

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Software Applications	15.4%	19.3%	38.8%	26.5%
Hardware	16.9%	25.0%	34.2%	23.9%
Network Use	12.6%	19.6%	33.3%	34.5%
Internet Safety and Netiquete	15.6%	14.8%	30.7%	38.8%
Evaluating Web Resources	13.8%	15.8%	35.3%	35.0%

(percent out of approximately 354 reporting)

## Table 40

Please rate your level in the following areas **AFTER** your TechYES experience

	DIDN'T IMPROVE	IMPROVED A LITTLE	IMPROVED MORE THAN A LITTLE	GREATLY IMPROVED
Academic Skills	18.9%	18.3%	37.5%	25.3%
Interpersonal Skills	16.3%	20.4%	36.7%	26.5%
Self-Esteem	20.5%	17.7%	30.3%	31.5%

(percent out of approximately 356 reporting)

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