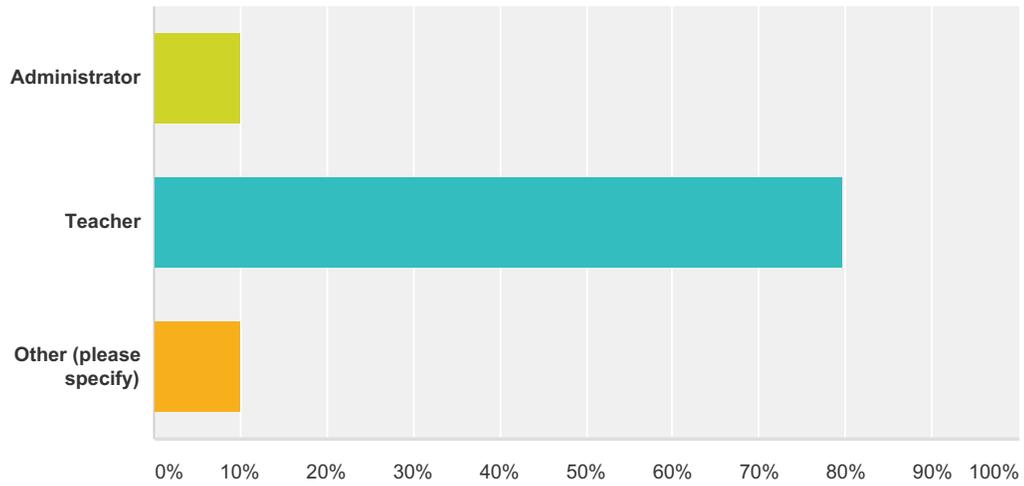


# School Survey on STEM Education

## Q1 What is your professional role in education?

Answered: 89 Skipped: 0



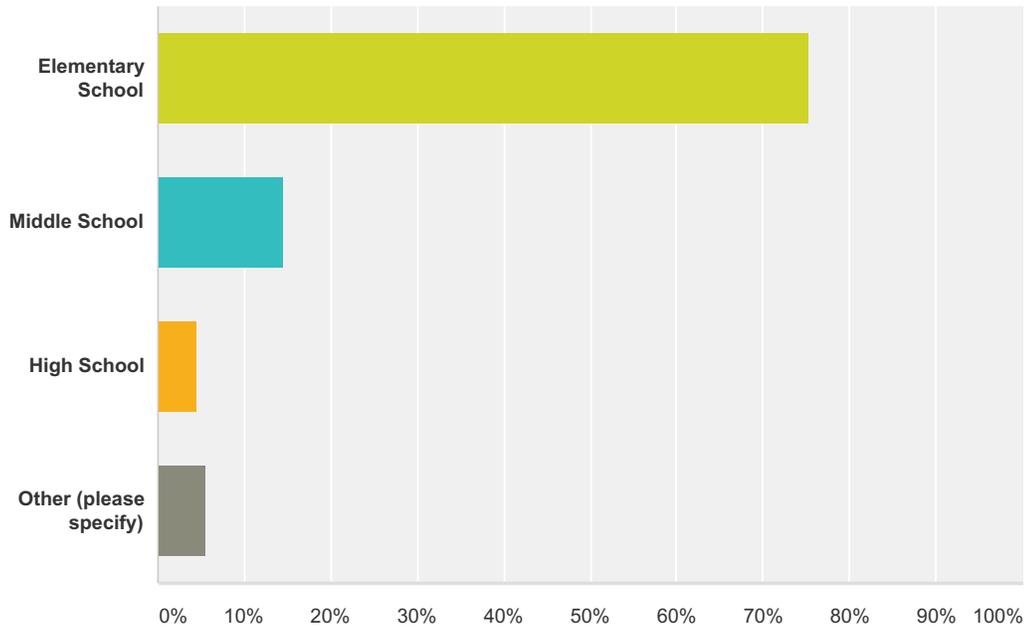
Answer Choices	Responses
Administrator	10.11% 9
Teacher	79.78% 71
Other (please specify)	10.11% 9
<b>Total</b>	<b>89</b>

#	Other (please specify)	Date
1	outdoor school board member & volunteer, retired WCSD teacher	9/18/2014 10:36 AM
2	Science Trainer	9/18/2014 9:58 AM
3	STEM Implementaiton Specialist	9/12/2014 12:50 PM
4	support staff	9/9/2014 12:20 PM
5	Teacher Librarian	9/4/2014 6:35 PM
6	Educational Specialist	9/4/2014 6:29 PM
7	Counselor	9/4/2014 3:51 PM
8	ECS	9/4/2014 2:47 PM
9	Learning Strategist	9/4/2014 11:01 AM

# School Survey on STEM Education

## Q2 Please indicate the current grade-level focus of your school.

Answered: 89 Skipped: 0



Answer Choices	Responses
Elementary School	75.28% 67
Middle School	14.61% 13
High School	4.49% 4
Other (please specify)	5.62% 5
<b>Total</b>	<b>89</b>

#	Other (please specify)	Date
1	mostly 5th & 6th grade, but some at all levels including teacher education	9/18/2014 10:36 AM
2	K-12	9/18/2014 9:58 AM
3	adult/alternative education	9/17/2014 8:54 AM
4	adult/prison education	9/16/2014 8:06 AM
5	Elementary and Middle School	9/15/2014 8:31 AM

## School Survey on STEM Education

### Q3 What is your subject area/grade level specialty?

Answered: 89 Skipped: 0

#	Responses	Date
1	5th & 6th grade environmental science with a focus on local ecology & projects & issues	9/18/2014 10:36 AM
2	K-18 Science	9/18/2014 9:58 AM
3	Alt Ed (focusing on science and math)	9/18/2014 9:32 AM
4	Physics, 11-12	9/18/2014 9:16 AM
5	1st	9/18/2014 7:05 AM
6	All subjects	9/17/2014 9:44 AM
7	adult/alternative education	9/17/2014 8:54 AM
8	Techology	9/17/2014 3:39 AM
9	kindergarten	9/16/2014 9:59 PM
10	4th grade	9/16/2014 7:49 PM
11	Biological Science and Chemistry 9-12	9/16/2014 11:29 AM
12	Math/Science	9/16/2014 8:06 AM
13	4th grade	9/15/2014 4:23 PM
14	9-12 biological sciences	9/15/2014 11:14 AM
15	I teach all middle school science, grades 6-8	9/15/2014 11:01 AM
16	ESL	9/15/2014 10:23 AM
17	Science	9/15/2014 8:31 AM
18	All subjects	9/15/2014 8:07 AM
19	5 - general education	9/12/2014 2:42 PM
20	general classroom teacher	9/12/2014 2:02 PM
21	all subjects in elementary	9/12/2014 1:39 PM
22	STEM	9/12/2014 12:50 PM
23	Special Ed Resource K-3	9/11/2014 7:05 PM
24	English as a second language	9/10/2014 1:32 PM
25	5	9/9/2014 5:22 PM
26	4th	9/9/2014 5:17 PM
27	1st grade all subjects	9/9/2014 4:29 PM
28	1st grade	9/9/2014 4:10 PM
29	Kindergarten	9/9/2014 4:02 PM
30	kindergarten	9/9/2014 3:49 PM
31	Sixth grade	9/9/2014 3:45 PM
32	3rd grade general education	9/9/2014 12:32 PM

## School Survey on STEM Education

33	Generalist	9/9/2014 12:32 PM
34	parents	9/9/2014 12:20 PM
35	5th	9/9/2014 12:12 PM
36	Administrator	9/9/2014 11:14 AM
37	PreK-6	9/9/2014 6:20 AM
38	Social Studies	9/8/2014 7:15 AM
39	all subjects, 3rd grade	9/7/2014 7:35 PM
40	mathematics, 7th & 8th	9/7/2014 1:42 PM
41	2nd grade, all subjects	9/7/2014 11:58 AM
42	Science 7 and Science 8	9/7/2014 7:46 AM
43	3	9/5/2014 9:31 PM
44	first	9/5/2014 4:00 PM
45	4	9/5/2014 10:28 AM
46	1st grade teacher	9/5/2014 10:20 AM
47	Second	9/5/2014 9:52 AM
48	4th	9/5/2014 9:14 AM
49	3-5	9/5/2014 7:57 AM
50	6-8	9/5/2014 7:16 AM
51	English	9/5/2014 7:03 AM
52	all	9/5/2014 6:35 AM
53	Administrative	9/5/2014 5:57 AM
54	All things Kinder	9/4/2014 10:48 PM
55	First	9/4/2014 8:37 PM
56	Kindergarten /TESL	9/4/2014 7:36 PM
57	5th grade	9/4/2014 7:34 PM
58	Middle School Librarian	9/4/2014 6:35 PM
59	Literacy	9/4/2014 6:29 PM
60	Technology training and support.	9/4/2014 6:17 PM
61	Technology support and training.	9/4/2014 6:14 PM
62	fourth grade	9/4/2014 5:53 PM
63	2nd	9/4/2014 5:49 PM
64	1st grade	9/4/2014 5:47 PM
65	Third	9/4/2014 5:32 PM
66	Math 7	9/4/2014 5:06 PM
67	Science/k-5	9/4/2014 4:29 PM
68	STEAM	9/4/2014 4:25 PM
69	math- grade 7 & 8	9/4/2014 4:13 PM
70	Physical Education	9/4/2014 4:02 PM

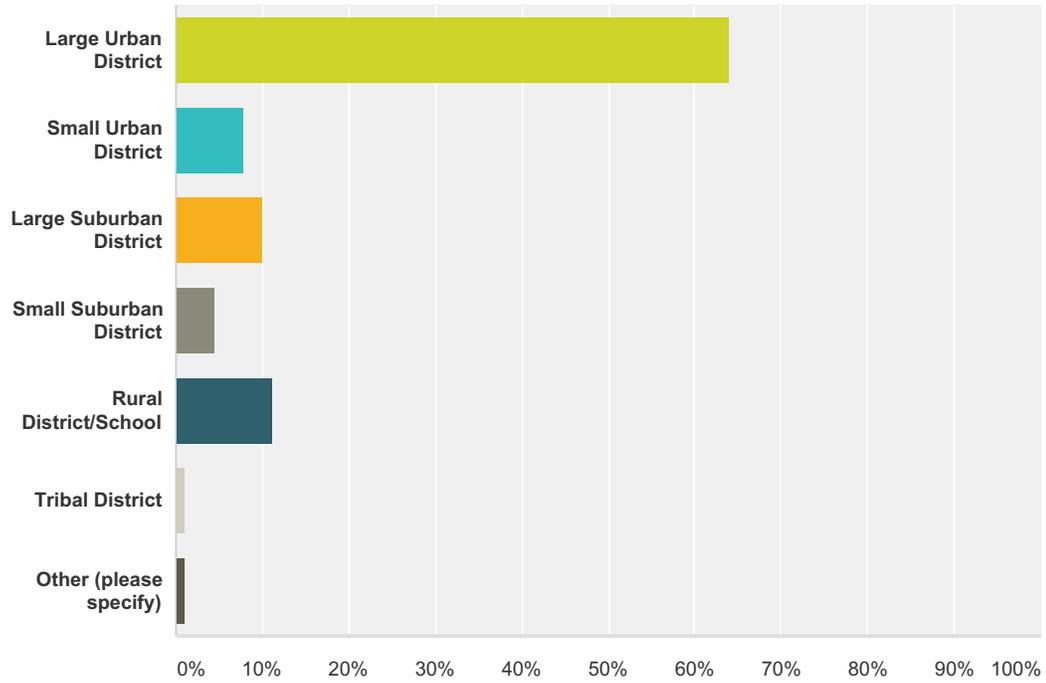
## School Survey on STEM Education

71	All subjects	9/4/2014 3:56 PM
72	Counseling K-5	9/4/2014 3:51 PM
73	first grade	9/4/2014 3:41 PM
74	Grade 6-7-8 - Robotics & Grade 7 - Science	9/4/2014 3:32 PM
75	special ed	9/4/2014 3:20 PM
76	5th grade	9/4/2014 3:08 PM
77	Math and Science	9/4/2014 3:07 PM
78	Technology	9/4/2014 2:47 PM
79	3rd Grade	9/4/2014 1:47 PM
80	All	9/4/2014 1:20 PM
81	First grade, all subjects	9/4/2014 1:17 PM
82	Technology	9/4/2014 1:02 PM
83	all	9/4/2014 11:41 AM
84	ECSE	9/4/2014 11:29 AM
85	ECSE	9/4/2014 11:19 AM
86	Literacy	9/4/2014 11:01 AM
87	5th grade	9/4/2014 10:54 AM
88	2nd	9/4/2014 9:43 AM
89	1-5	9/4/2014 9:35 AM

# School Survey on STEM Education

## Q4 Where is your school located?

Answered: 89 Skipped: 0



Answer Choices	Responses
Large Urban District	64.04% 57
Small Urban District	7.87% 7
Large Suburban District	10.11% 9
Small Suburban District	4.49% 4
Rural District/School	11.24% 10
Tribal District	1.12% 1
Other (please specify)	1.12% 1
<b>Total</b>	<b>89</b>

#	Other (please specify)	Date
1	science camps at Tahoe, day programs in Washoe Co., office in a Reno WCSD school	9/18/2014 10:36 AM

### Q5 In which state is your school located?

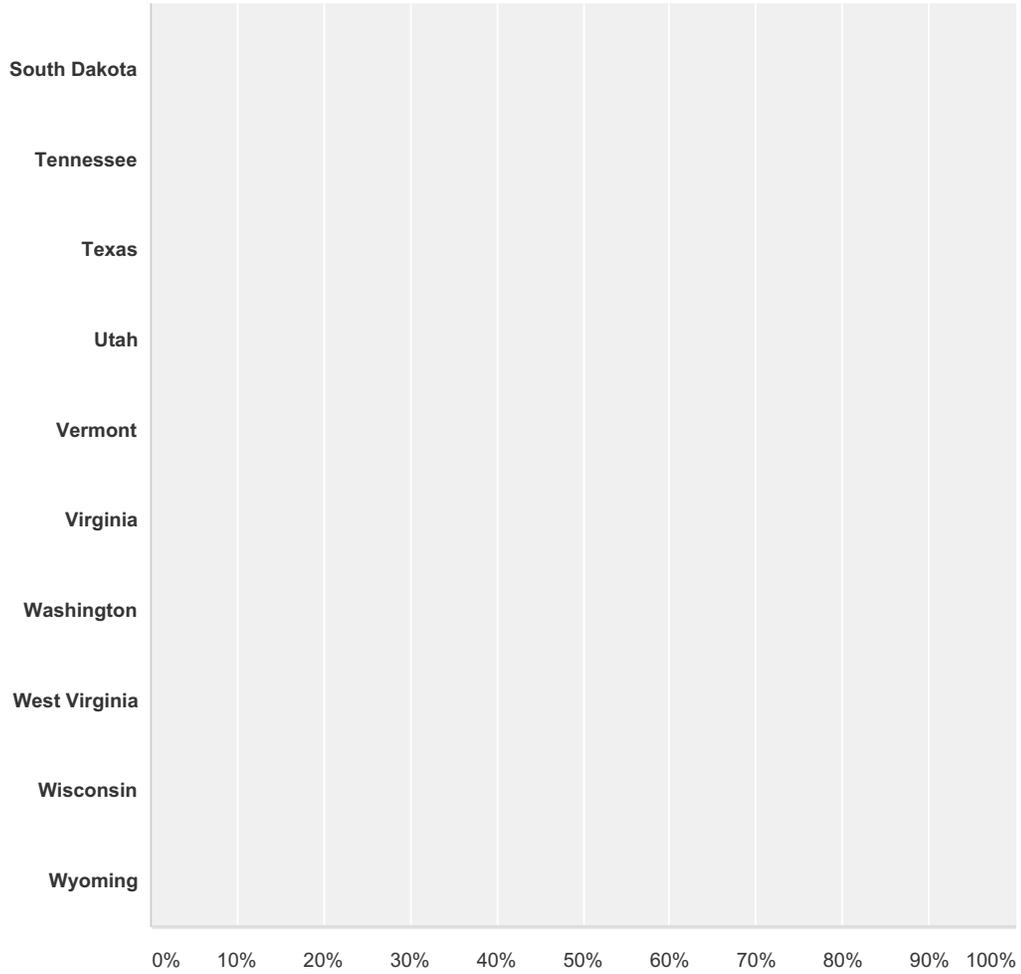
Answered: 89 Skipped: 0



# School Survey on STEM Education

Maryland									
Massachusetts									
Michigan									
Minnesota									
Mississippi									
Missouri									
Montana									
Nebraska									
Nevada									
New Hampshire									
New Jersey									
New Mexico									
New York									
North Carolina									
North Dakota									
Ohio									
Oklahoma									
Oregon									
Pennsylvania									
Rhode Island									
South Carolina									

# School Survey on STEM Education



Answer Choices	Responses
Alabama	0.00% 0
Alaska	0.00% 0
Arizona	0.00% 0
Arkansas	0.00% 0
California	0.00% 0
Colorado	0.00% 0
Connecticut	0.00% 0
Delaware	0.00% 0
Florida	0.00% 0
Georgia	0.00% 0
Hawaii	0.00% 0
Idaho	0.00% 0
Illinois	0.00% 0

## School Survey on STEM Education

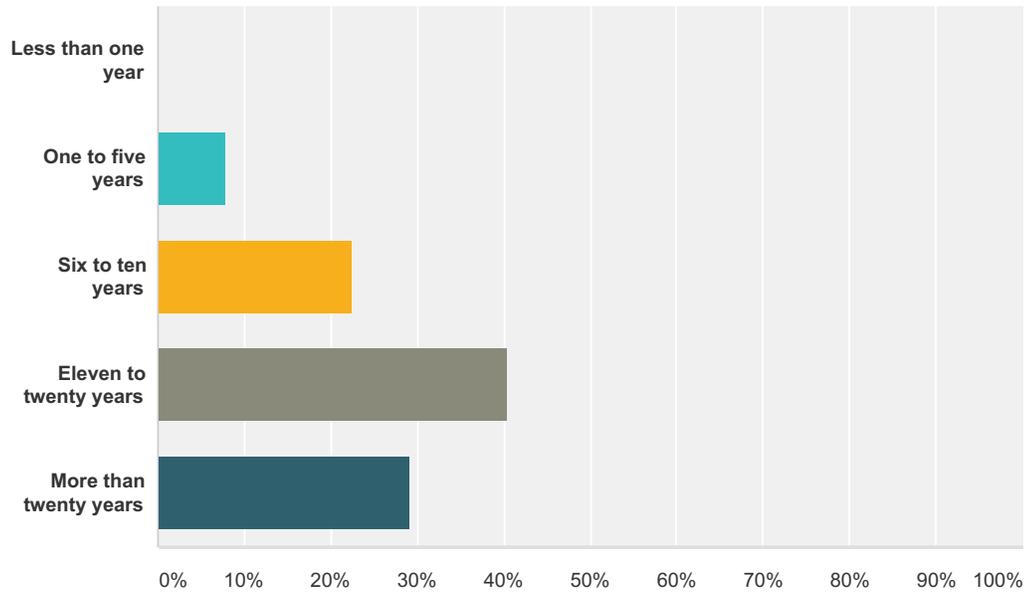
Indiana	0.00%	0
Iowa	0.00%	0
Kansas	0.00%	0
Kentucky	0.00%	0
Louisiana	0.00%	0
Maine	0.00%	0
Maryland	0.00%	0
Massachusetts	0.00%	0
Michigan	0.00%	0
Minnesota	0.00%	0
Mississippi	0.00%	0
Missouri	0.00%	0
Montana	0.00%	0
Nebraska	0.00%	0
Nevada	100.00%	89
New Hampshire	0.00%	0
New Jersey	0.00%	0
New Mexico	0.00%	0
New York	0.00%	0
North Carolina	0.00%	0
North Dakota	0.00%	0
Ohio	0.00%	0
Oklahoma	0.00%	0
Oregon	0.00%	0
Pennsylvania	0.00%	0
Rhode Island	0.00%	0
South Carolina	0.00%	0
South Dakota	0.00%	0
Tennessee	0.00%	0
Texas	0.00%	0
Utah	0.00%	0
Vermont	0.00%	0

## School Survey on STEM Education

Virginia	0.00%	0
Washington	0.00%	0
West Virginia	0.00%	0
Wisconsin	0.00%	0
Wyoming	0.00%	0
<b>Total</b>		<b>89</b>

### Q6 How long have you been an education professional?

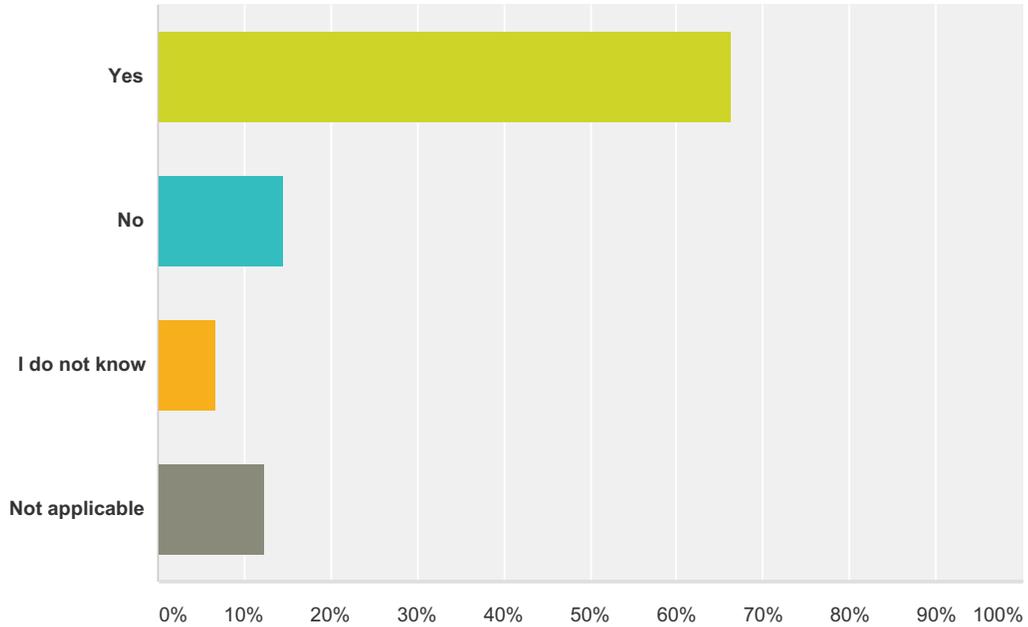
Answered: 89 Skipped: 0



Answer Choices	Responses
Less than one year	0.00% 0
One to five years	7.87% 7
Six to ten years	22.47% 20
Eleven to twenty years	40.45% 36
More than twenty years	29.21% 26
<b>Total</b>	<b>89</b>

**Q7 Do you offer STEM education (e.g., programs, courses, or certifications) in your classroom during the school day?**

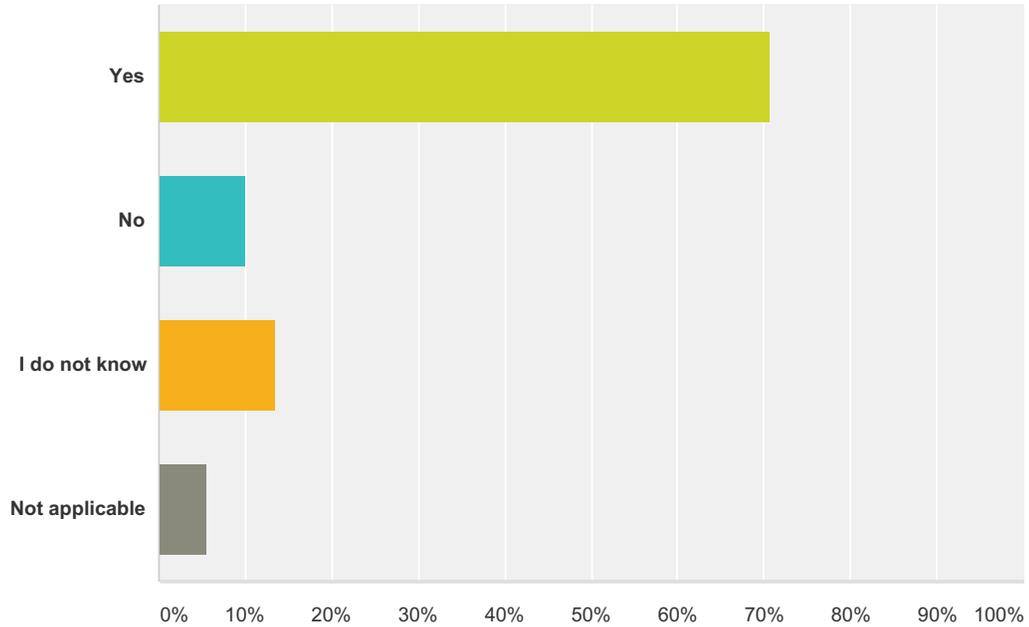
Answered: 89 Skipped: 0



Answer Choices	Responses
Yes	66.29% 59
No	14.61% 13
I do not know	6.74% 6
Not applicable	12.36% 11
<b>Total</b>	<b>89</b>

**Q8 Does your school offer STEM education (e.g., programs, courses, or certifications) during the school day?**

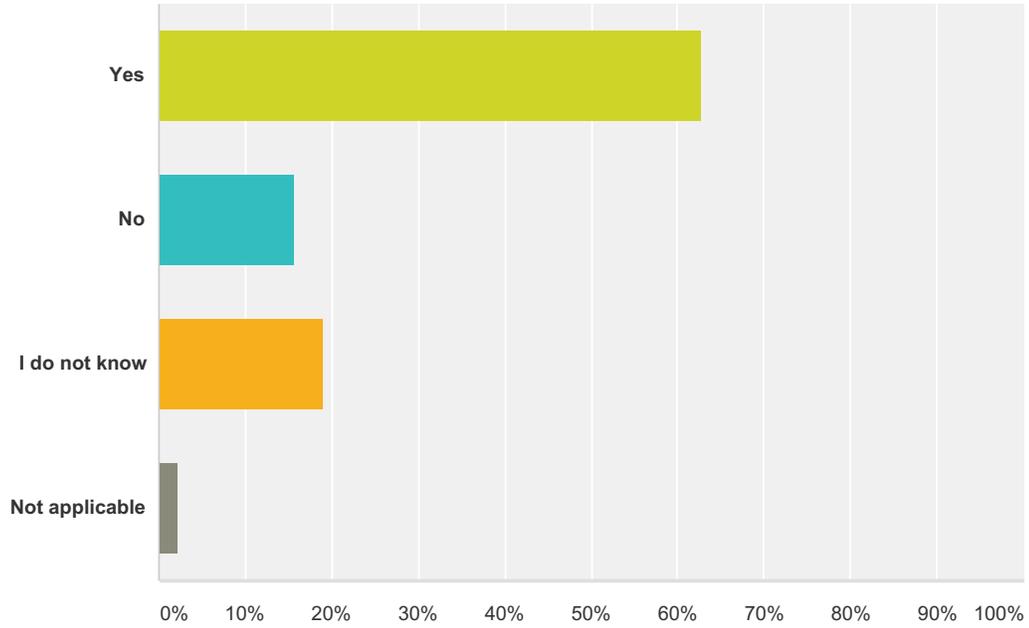
Answered: 89 Skipped: 0



Answer Choices	Responses	
Yes	70.79%	63
No	10.11%	9
I do not know	13.48%	12
Not applicable	5.62%	5
<b>Total</b>		<b>89</b>

**Q9 Has STEM education been integrated as something other than adding additional science and mathematics instruction/courses into your school?**

Answered: 89 Skipped: 0



Answer Choices	Responses	Count
Yes	62.92%	56
No	15.73%	14
I do not know	19.10%	17
Not applicable	2.25%	2
<b>Total</b>		<b>89</b>

## School Survey on STEM Education

### Q10 If STEM education has been integrated as something other than adding additional science and mathematics instruction/courses into your school, how has it been integrated?

Answered: 51 Skipped: 38

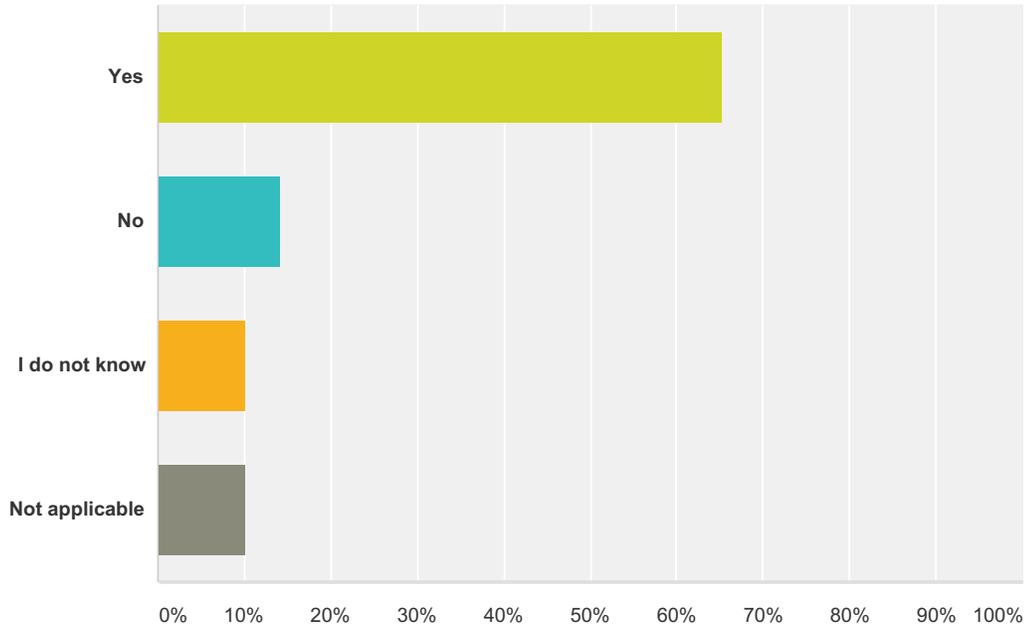
#	Responses	Date
1	Entire program curriculum is STEM-based. Main focus is outdoor science school.	9/18/2014 10:38 AM
2	STEM specific math classes	9/18/2014 9:32 AM
3	Robotics club Physics club	9/18/2014 9:17 AM
4	Our science curriculum is FOSS kits. I use technology to write a class blog with things we are doing in science.	9/18/2014 7:06 AM
5	Transdisciplinary Units	9/17/2014 3:40 AM
6	Science, Technology, Engineering and Math has been incorporated into our everyday lessons, it is not its own discipline, it has been embedded into as much of our instruction as possible	9/16/2014 10:01 PM
7	We have introduced more computer based learning, including coding/	9/15/2014 11:02 AM
8	More hands on learning and experiments. Exposure to more real life science.	9/15/2014 10:24 AM
9	Social studies, projects, engineer,	9/15/2014 8:07 AM
10	It is part of language arts, social studies, art - real world	9/12/2014 2:43 PM
11	engineering, technology, and integrated into units of study for social studies	9/12/2014 2:03 PM
12	PBL	9/12/2014 1:39 PM
13	Not sure	9/11/2014 7:06 PM
14	Engineering, reading, daily activities,arts,music	9/9/2014 4:29 PM
15	The staff has been tasked to build UBD units with a STEM focus to include all content areas.	9/9/2014 12:32 PM
16	STEM is relatively new to our school. As the teachers are becoming more familiar with STEM and getting excited, we are noticing them expanding in a variety of ways mainly with reading and social studies, but also in the arts.	9/9/2014 11:16 AM
17	Pbl	9/9/2014 6:20 AM
18	We have classes that team and use their content to provide STEM opportunities whenever possible	9/7/2014 1:43 PM
19	As a IB magnet school, STEM is integrated in our Transdisciplinary Themes.	9/7/2014 12:01 PM
20	We have labs and visits from scientists	9/5/2014 9:32 PM
21	It is part of the daily learning.	9/5/2014 4:01 PM
22	Engineering	9/5/2014 10:28 AM
23	It is integrated through our reading programs.	9/5/2014 10:20 AM
24	We are working hard to integrate engineering into our classrooms where it would be a natural fit. We have ordered some kits to try and help teachers understand how this can be incorporated into our teaching. We have studied the new science standard.	9/5/2014 9:54 AM
25	I teach at a magnet school whose theme is STEM.	9/5/2014 9:14 AM
26	after school clubs, competitions, cross-curricular activities, electives	9/5/2014 7:17 AM
27	fully integrated it is part of everything we do	9/5/2014 6:35 AM

## School Survey on STEM Education

28	Monthly school wide activities, monthly classroom child/parent activities	9/4/2014 10:49 PM
29	We use technology daily with all subjects, we incorporate our gardens which are maintained by students into science and writing. Students use the engineering process in all subjects.	9/4/2014 8:40 PM
30	Engineering and arts	9/4/2014 7:37 PM
31	DaVinci Principals Hero's Journey technology projects	9/4/2014 6:35 PM
32	STEM has become the focus of all we teach on all content areas. We also include arts making us a STEAM academy	9/4/2014 6:19 PM
33	STEM has become a focus of our school. We also include the arts along it STEAM. All activities include STEAM topics.	9/4/2014 6:16 PM
34	We offer extracurricular activities throughout the year using a wide variety of STEAM activities.	9/4/2014 5:50 PM
35	We have used exploration classes that kids get to choose. They are 8 classes for four weeks. We also infuse it though theme nights. I use it during once a week called engineering lab.	9/4/2014 5:33 PM
36	Through student choice offerings and through additional instructional resources at all grade levels. Through gardening and partnerships with Nellis Airforce Base. It is a part of our daily school habits.	9/4/2014 4:26 PM
37	We do exploration pull out lessons	9/4/2014 3:56 PM
38	I use a great deal of science and mathematics in relation to my counseling classes as I am at a math and science magnet school.	9/4/2014 3:52 PM
39	Robotics Class	9/4/2014 3:33 PM
40	xx	9/4/2014 3:21 PM
41	We are a math and science magnet. We have both science and math STEM here.	9/4/2014 3:10 PM
42	-Engineering design projects -integrated ELA and Math Science problem based activities -after school clubs and activities	9/4/2014 3:08 PM
43	STEM is integrated in all aspect of instruction at our school. From the music teacher that incorporates mathematical patterns to the 5th grade environmental camp, science, math & technology are seen as parts of the whole education.	9/4/2014 2:49 PM
44	through inquiry based teaching	9/4/2014 1:48 PM
45	Technology used in writing, researching, reading, math and science. Engineering incorporated for problem solving skills, researching, and perseverance.	9/4/2014 1:26 PM
46	Inquiry based cross curricular instruction	9/4/2014 1:18 PM
47	we are an IB school so it fits into our units of inquiry and is ongoing	9/4/2014 11:41 AM
48	children's literature and writing activities	9/4/2014 11:29 AM
49	throughout the school day in all subjects.	9/4/2014 11:20 AM
50	It is embedded throughout all of the courses in our curriculum.	9/4/2014 11:01 AM
51	We teach at a conceptual level and all subjects are taught in a transdisciplinary way	9/4/2014 9:35 AM

**Q11 Is the STEM curriculum in your classroom multidisciplinary to include integrated STEM lessons in all content areas (e.g., project-based learning, thematic units, flipped classrooms)?**

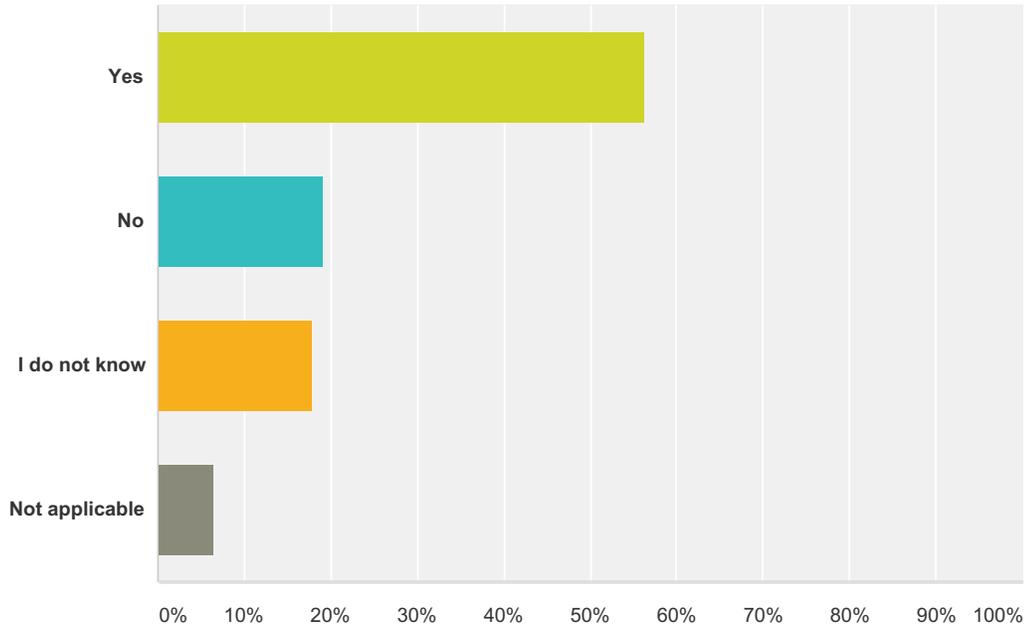
Answered: 78 Skipped: 11



Answer Choices	Responses	
Yes	65.38%	51
No	14.10%	11
I do not know	10.26%	8
Not applicable	10.26%	8
<b>Total</b>		<b>78</b>

**Q12 Is the STEM curriculum in your school multidisciplinary to include integrated STEM lessons in all content areas (e.g., project-based learning, thematic units, flipped classrooms)?**

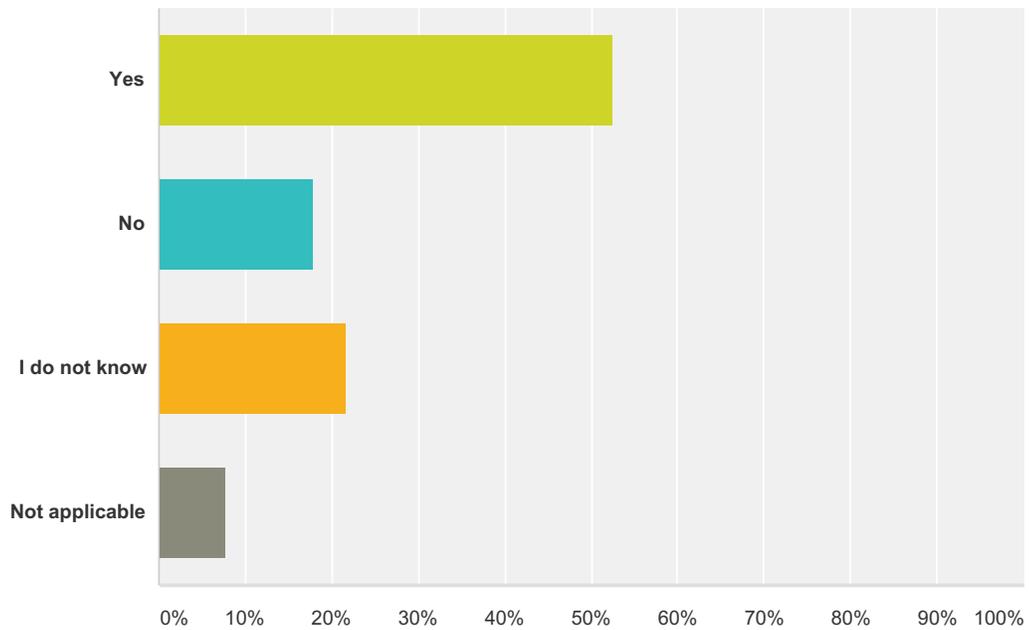
Answered: 78 Skipped: 11



Answer Choices	Responses	
Yes	56.41%	44
No	19.23%	15
I do not know	17.95%	14
Not applicable	6.41%	5
<b>Total</b>		<b>78</b>

### Q13 Does your school offer engineering courses or projects during the school day?

Answered: 78 Skipped: 11



Answer Choices	Responses
Yes	52.56% 41
No	17.95% 14
I do not know	21.79% 17
Not applicable	7.69% 6
<b>Total</b>	<b>78</b>

## School Survey on STEM Education

### Q14 If your school does not offer engineering courses or projects during the day, why or why not?

Answered: 12 Skipped: 77

#	Responses	Date
1	Funding	9/18/2014 9:18 AM
2	Teacher training in engineering	9/18/2014 7:07 AM
3	doesn't fit with our current educational setting	9/17/2014 8:55 AM
4	Not sure	9/16/2014 7:49 PM
5	Our students are close custody prison inmates. They can not come to a classroom, and we may not give them any thing other than a pencil and paper.	9/16/2014 8:09 AM
6	not enough training or resources	9/9/2014 4:04 PM
7	Currently work in progress	9/9/2014 3:46 PM
8	I teach in an elementary school where students have opportunities to participate in engineering in their classrooms.	9/9/2014 12:34 PM
9	We do not have the funding, nor have we intergrated it into our curriculum.	9/8/2014 7:16 AM
10	This is something that we have not added to our school yet.	9/5/2014 10:21 AM
11	Our focus is primarily math and science. We do offer some engineering topics through out the other curriculum.	9/5/2014 7:22 AM
12	We are an elementary magnet and though we have some engineering (NTCITY TECH) and robotics in science lab, it is not a course.	9/4/2014 3:12 PM

## School Survey on STEM Education

### Q15 If your school does offer engineering courses or projects during the school day, what are these courses or projects (e.g., Engineering is Elementary, Project Lead The Way, etc.)?

Answered: 41 Skipped: 48

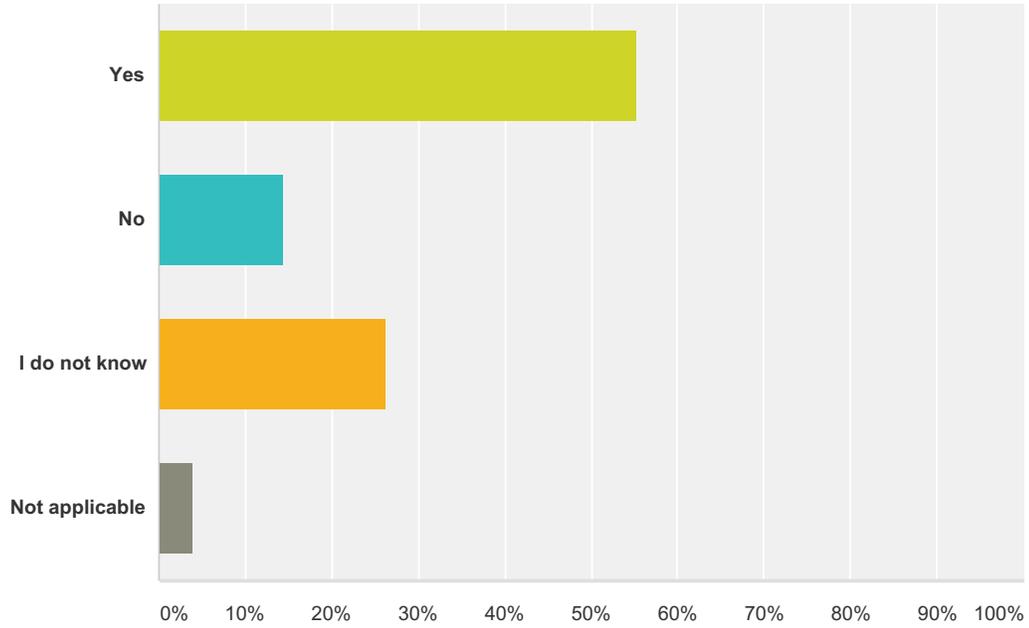
#	Responses	Date
1	Lessons & projects include using Best Management Practices to control & redirect water runoff to reduce erosion and protect water quality.	9/18/2014 10:44 AM
2	Robotics	9/17/2014 3:41 AM
3	robotics	9/16/2014 11:31 AM
4	Introduction to engineering course	9/15/2014 11:15 AM
5	Engineering is Elementary as well as other, teacher designed engineering activities.	9/15/2014 11:03 AM
6	We are starting PBL	9/15/2014 10:24 AM
7	Engineering is Elementary - however, it is few and far between because of the over focus on ELA and math - we need guidelines to guide rural districts for untested subject areas	9/15/2014 8:33 AM
8	Building models, critical thinking etc.	9/12/2014 2:44 PM
9	robotics, building towers, buildings , bridges	9/12/2014 2:04 PM
10	PBL	9/12/2014 1:40 PM
11	EIE	9/12/2014 12:50 PM
12	Engineering is Elementary, Project Lead the Way	9/9/2014 5:18 PM
13	???	9/9/2014 4:30 PM
14	Classroom Projects, 4th grade is attending Project Lead the Way	9/9/2014 12:33 PM
15	Currently we do not have engineering courses, however we will be doing project lead the way and having professional development days to help support the success.	9/9/2014 11:18 AM
16	Eie	9/9/2014 6:22 AM
17	integrated within classrooms by way of project based learning	9/7/2014 1:44 PM
18	Science Olympiad and mouse trap car race.	9/7/2014 7:47 AM
19	Robotics	9/5/2014 9:33 PM
20	It is offered through science lab classes.	9/5/2014 4:02 PM
21	EIE	9/5/2014 10:28 AM
22	Engineering is Elementary, PBS engineering lessons, as well as teacher designed engineering lessons	9/5/2014 9:16 AM
23	Engineering is Elementary modified FOSS teacher created materials	9/5/2014 6:36 AM
24	Projects from pinterest, books, websites, kits, teacher planning	9/4/2014 10:50 PM
25	various science offerings	9/4/2014 6:36 PM
26	Each classroom includes engineering projects for the class	9/4/2014 6:20 PM
27	Engineering is Elementary	9/4/2014 5:51 PM
28	I do not know.	9/4/2014 5:50 PM

## School Survey on STEM Education

29	We do exploration classes and EIE kits	9/4/2014 5:34 PM
30	???	9/4/2014 5:06 PM
31	EIE, Foss, Starbase Nellis, Gardening projects, Teacher created projects, Career Speakers	9/4/2014 4:27 PM
32	not sure of the name	9/4/2014 4:14 PM
33	Not sure	9/4/2014 3:53 PM
34	FOSS Kits, Robotics Lab, KNEX Bridge Building Kits, Starlab, Archaeology Lab, Hydroponics Lab	9/4/2014 3:45 PM
35	Science O	9/4/2014 3:33 PM
36	Future City	9/4/2014 3:09 PM
37	Engineering is Elementary	9/4/2014 1:18 PM
38	Robotics, Archeology, Telecommunications. I never heard of the expensive sounding ones you mention.	9/4/2014 1:03 PM
39	robotics lab	9/4/2014 11:20 AM
40	I do not know the specific name as we are going to be using new materials this year.	9/4/2014 11:03 AM
41	Engineering is Elementary--just beginning	9/4/2014 9:36 AM

**Q16 Does your school offer STEM computer –based/computer science activities, classes, or courses (e.g., coding, computer literacy, computer applications, etc.)?**

Answered: 76 Skipped: 13



Answer Choices	Responses	
Yes	55.26%	42
No	14.47%	11
I do not know	26.32%	20
Not applicable	3.95%	3
<b>Total</b>		<b>76</b>

## School Survey on STEM Education

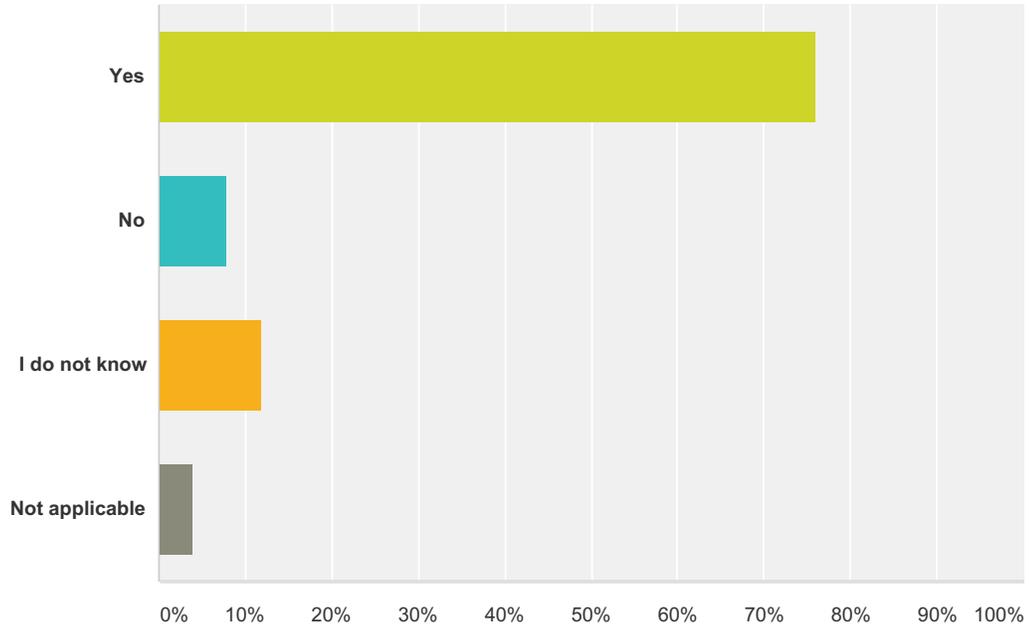
### Q17 If your school does not offer STEM computer-based/computer science activities, classes, or courses, why or why not?

Answered: 11 Skipped: 78

#	Responses	Date
1	We do use the computer to enter data collected, but programs are field-based and computer skills are not emphasized. Funding for more field-friendly technology would help.	9/18/2014 10:47 AM
2	Teacher training and time	9/18/2014 7:08 AM
3	doesn't fit with our current educational setting	9/17/2014 8:55 AM
4	The students may not come to a classroom and we may not bring a computer to the students.	9/16/2014 8:10 AM
5	resources	9/9/2014 5:19 PM
6	not sure	9/9/2014 4:04 PM
7	Moving forward with STEM implementation	9/9/2014 3:47 PM
8	Lack of computers; will be beginning soon	9/9/2014 12:34 PM
9	Our technology has been severely affected by the recession in Nevada and we barely have enough computers working for a class like that.	9/4/2014 3:15 PM
10	dont know3 why	9/4/2014 11:21 AM
11	We are just getting into more performance tasks.	9/4/2014 11:03 AM

**Q18 Is technology used throughout your STEM program as a tool to facilitate research, investigation, and design?**

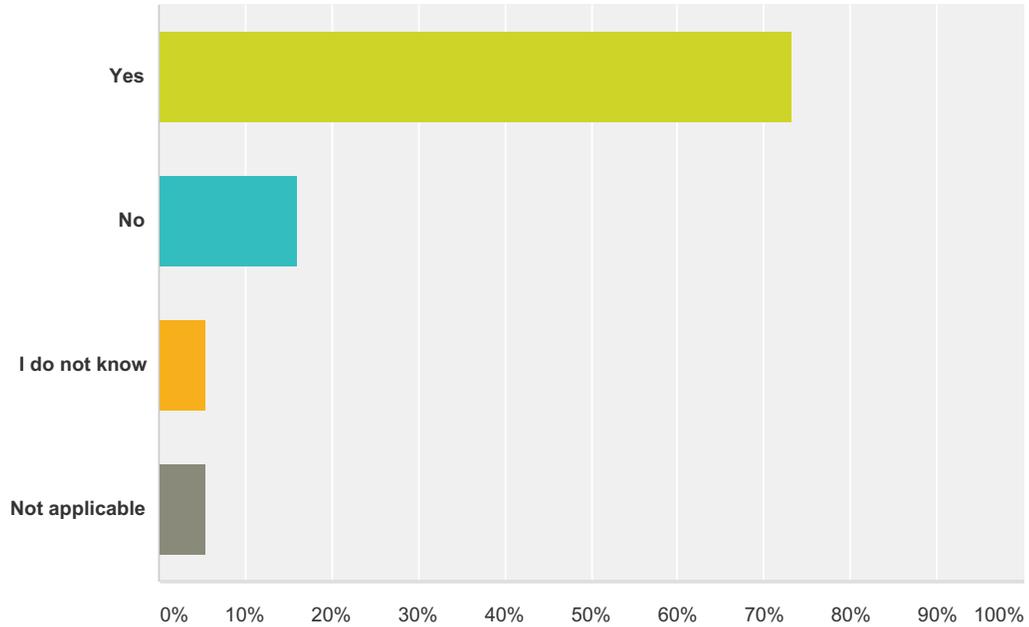
Answered: 75 Skipped: 14



Answer Choices	Responses
Yes	76.00% 57
No	8.00% 6
I do not know	12.00% 9
Not applicable	4.00% 3
<b>Total</b>	<b>75</b>

**Q19 Are the students in your classroom regularly challenged by complex problems related to real-world scenarios?**

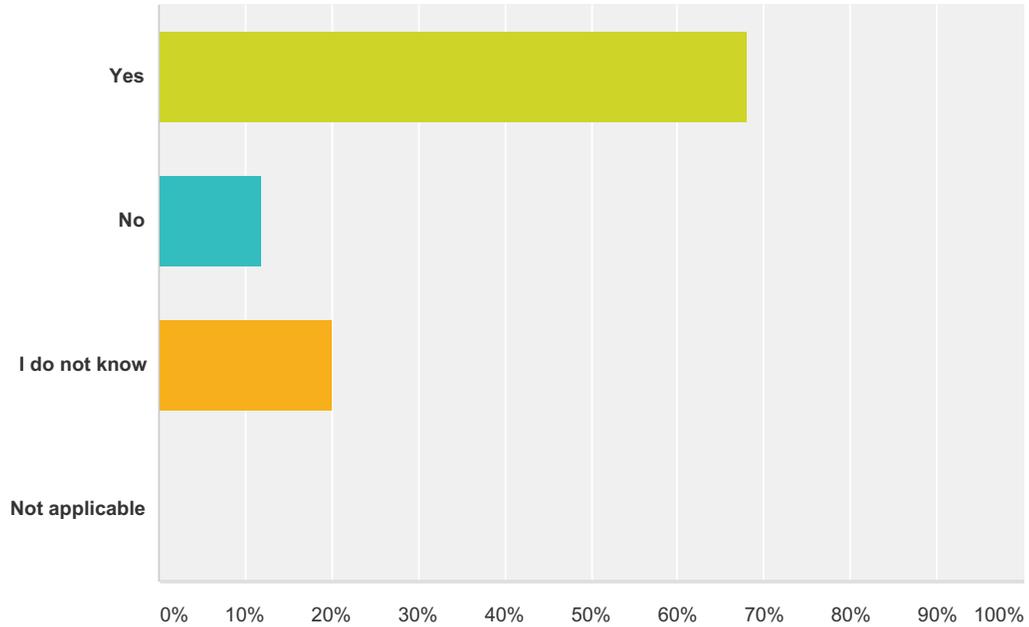
Answered: 75 Skipped: 14



Answer Choices	Responses
Yes	73.33% 55
No	16.00% 12
I do not know	5.33% 4
Not applicable	5.33% 4
<b>Total</b>	<b>75</b>

**Q20 Are the students in your school regularly challenged by complex problems related to real-world scenarios?**

Answered: 75 Skipped: 14



Answer Choices	Responses
Yes	68.00% 51
No	12.00% 9
I do not know	20.00% 15
Not applicable	0.00% 0
<b>Total</b>	<b>75</b>

## School Survey on STEM Education

### Q21 What other STEM activities are offered to all students at your school during the school day (e.g., STEM field trips, science fair, STEM Day, etc.)? Please be as specific as possible:

Answered: 75 Skipped: 14

#	Responses	Date
1	Research boat on Lake Tahoe, water quality testing & mitigation projects, visiting natural resource professionals, etc.	9/18/2014 10:50 AM
2	Teachers are my students. They are trained in STEM field trips, alternative energy (wind, solar, geothermal, and hydroelectric), and in P-WET. Plus many more.	9/18/2014 10:05 AM
3	NA	9/18/2014 9:33 AM
4	STEM field trips	9/18/2014 9:19 AM
5	field trips in spring, outdoor education	9/18/2014 7:09 AM
6	doesn't fit with our current educational setting	9/17/2014 8:56 AM
7	Science Fair, O.M.	9/17/2014 3:41 AM
8	STEM Night	9/16/2014 10:02 PM
9	Field trips	9/16/2014 7:50 PM
10	Some students participate in science fair.	9/16/2014 11:48 AM
11	None	9/16/2014 8:11 AM
12	science fair	9/15/2014 11:15 AM
13	I'm not sure.	9/15/2014 11:04 AM
14	Science fair experiments field trips robotics	9/15/2014 10:25 AM
15	We are struggling to offer STEM because of the overwhelming focus on ELA and math because of testing	9/15/2014 9:08 AM
16	science fair, field trips, Robotics etc.	9/12/2014 2:46 PM
17	*	9/12/2014 2:05 PM
18	Science and STEM fairs	9/12/2014 1:42 PM
19	Science Fair STEM night Field trips	9/12/2014 12:51 PM
20	I do not know	9/11/2014 7:07 PM
21	new to this school and as a language specialist I haven't seen enough of the classrooms to be able to yet generalize about many of these questions	9/10/2014 1:33 PM
22	Na	9/9/2014 5:23 PM
23	science fair	9/9/2014 5:19 PM
24	field trips Steam Day	9/9/2014 4:31 PM
25	STEM field trips Science Fair	9/9/2014 4:12 PM
26	science fair	9/9/2014 4:05 PM
27	STEM field trips	9/9/2014 3:48 PM
28	science fair, science night, field trips to the discovery museum,	9/9/2014 12:36 PM

## School Survey on STEM Education

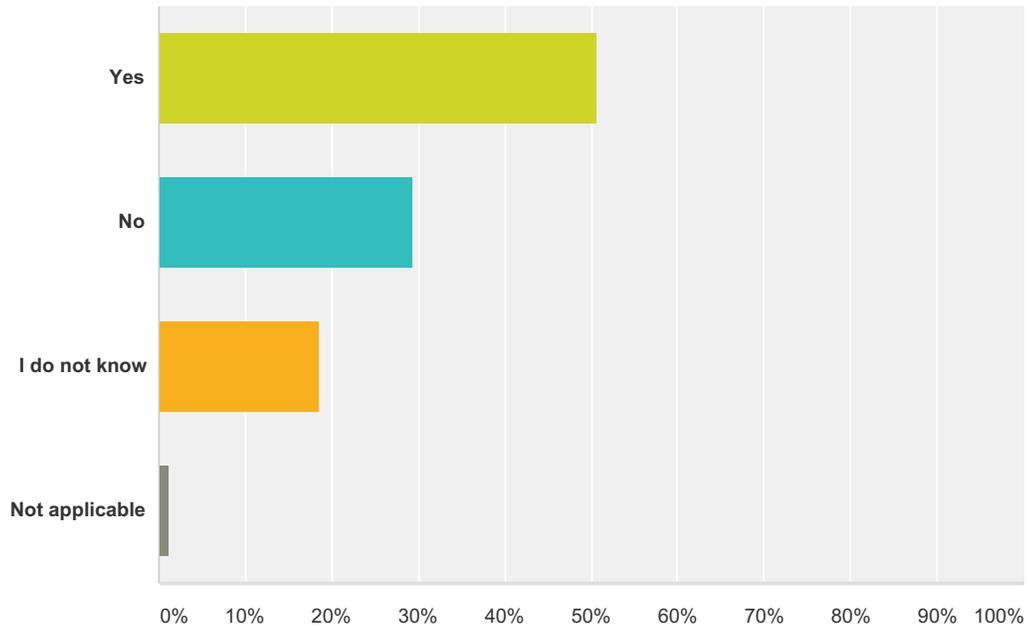
29	STEM parent nights, science fair, various STEM related field trips	9/9/2014 12:35 PM
30	I do not Know	9/9/2014 12:21 PM
31	I do not know	9/9/2014 12:15 PM
32	the above three questions are being encouraged in the classrooms and the teachers are just starting to make it part of their daily curriculum.	9/9/2014 11:20 AM
33	Field trips robotics	9/9/2014 6:22 AM
34	Robotics, future cities competition, Math Counts, and Biology.	9/8/2014 7:17 AM
35	science fair, ecyber mission, statistical poster competition, etc	9/7/2014 1:45 PM
36	Stem field trips	9/7/2014 12:05 PM
37	The science teachers all participate in national science contests such as E-cyber mission, NASA space colony, Christopher Columbus, etc.	9/7/2014 7:49 AM
38	Field trips, exhibition	9/5/2014 9:35 PM
39	Science Fair	9/5/2014 4:03 PM
40	science day. math day, engineering day,	9/5/2014 10:29 AM
41	Field Trips	9/5/2014 10:22 AM
42	Integration of engineering into our lessons.	9/5/2014 9:56 AM
43	Science Fair, Engineering Fair, STEM field trips (we are required to take at least 3 field trips a year that relate to our theme), Super Science Day, Mighty Math Day, Ecological Engineering Day...	9/5/2014 9:18 AM
44	field trips, competitions, clubs and activities, electives	9/5/2014 7:22 AM
45	STEM field trips STEM days science fair gardens and garden education dedicated STEM rooms	9/5/2014 6:38 AM
46	STEAM Day, engineering day, field trips, science fairs/projects	9/4/2014 10:51 PM
47	We have a Math day, super science day, engineering day, farmers market day and musical.	9/4/2014 8:42 PM
48	bring in professionals to create projects for teams to complete.	9/4/2014 6:37 PM
49	Students are encouraged to design or improve designs as part of class projects.	9/4/2014 6:22 PM
50	science fairs, STEM Exploration (3 times a year, each lesson takes 8 days, an hour each time the students meet).	9/4/2014 5:57 PM
51	I am not sure	9/4/2014 5:56 PM
52	I do not know.	9/4/2014 5:51 PM
53	Engineering Day Science Day	9/4/2014 5:36 PM
54	I don't know if there are any STEM projects for all students.	9/4/2014 5:07 PM
55	Science Fair, Engineering Fair, Super Science Day, Ecological Engineering Day, Mighty Math Day, Sea World for fourth grade, Sea World and Biztown for fifth grade	9/4/2014 4:28 PM
56	science fair, science field trips,	9/4/2014 4:15 PM
57	na	9/4/2014 4:03 PM
58	Science fair and science field trips	9/4/2014 3:57 PM
59	Not sure of all the activities. We offer field trips related to the water district, environmental camp, animal related, Red Rock	9/4/2014 3:54 PM
60	Field Trips: Anderson Daily - milk processing and distribution Moapa 4-H Farm - hydroponics, gardening, making butter Springs Preserve - "Green house" structure, Desert Garden	9/4/2014 3:52 PM
61	Science Fair Robotics Competitions	9/4/2014 3:34 PM
62	STS triple E, science fair, SNWA wash trip, PBLs	9/4/2014 3:27 PM

## School Survey on STEM Education

63	science fair	9/4/2014 3:21 PM
64	Pi Day daVinci Day Springs Preserve field trips	9/4/2014 3:10 PM
65	Field trips, science fairs, experiments	9/4/2014 2:51 PM
66	field trips	9/4/2014 1:49 PM
67	STEM field trips, STEM scientists and engineers brought to school for presentations and lessons	9/4/2014 1:30 PM
68	Exhibition, scientist adoptionr	9/4/2014 1:23 PM
69	Field trips, science fair, IB Exhibition	9/4/2014 1:05 PM
70	field trips	9/4/2014 11:42 AM
71	N/A	9/4/2014 11:30 AM
72	.....	9/4/2014 11:21 AM
73	Field trips, participate in the Desert Research Institute, and have many guest speakers.	9/4/2014 11:04 AM
74	I'm not sure.	9/4/2014 10:55 AM
75	Field Trips	9/4/2014 9:36 AM

**Q22 Are students in your school regularly involved in STEM competitions (e.g., chess, bridge building, Mathematics Olympiad, Future Cities, Bridge Building, Robotics, Career and Technical Education competitions, Science Olympiad, etc.)?**

Answered: 75 Skipped: 14



Answer Choices	Responses	Count
Yes	50.67%	38
No	29.33%	22
I do not know	18.67%	14
Not applicable	1.33%	1
<b>Total</b>		<b>75</b>

## School Survey on STEM Education

### Q23 If students in your school are not regularly involved in STEM competitions, why or why not?

Answered: 22 Skipped: 67

#	Responses	Date
1	We focus on cooperation & collaboration over competition.	9/18/2014 10:51 AM
2	not available	9/18/2014 7:09 AM
3	doesn't fit with our current educational setting	9/17/2014 8:56 AM
4	Location & Cost	9/17/2014 3:42 AM
5	I don't think there is the funding or availability.	9/16/2014 7:51 PM
6	Not sure. It could be an array of reasons.	9/16/2014 12:00 PM
7	If the students were brought together for a competition they would shank each other.	9/16/2014 8:12 AM
8	Lack of interest and/or support among studnets and staff, lack of technology	9/15/2014 11:16 AM
9	Time	9/15/2014 11:05 AM
10	We have teachers who would like to do STEM, would like to do more science, we have been told that ELA and math scores are more important - some sort of requirement by the state to the districts would be helpful in ensuring that untested areas are taught	9/15/2014 9:16 AM
11	We have not looked into it	9/12/2014 12:51 PM
12	resources	9/9/2014 5:19 PM
13	Staff isn't trained enough to do this. Staff does not have all the necessary materials and equipment. Staff is maxed out already with teaching the normal school day, so adding these takes too much time and effort.	9/9/2014 4:13 PM
14	not enough training or resources	9/9/2014 4:06 PM
15	Work in progress	9/9/2014 3:48 PM
16	We were an SFA school in the past, which tended to discourage schoolwide competitions. Also we have had several changes in administration and staff in the past few years. I think competitions like this have not come up due to staff focus on other priorities and changes.	9/9/2014 12:39 PM
17	One class is doing Robotics, the rest are not ready	9/9/2014 12:35 PM
18	Time and \$\$\$	9/9/2014 6:23 AM
19	I am not sure.	9/5/2014 10:22 AM
20	Lack of time from people and organization	9/4/2014 3:58 PM
21	I'm not sure they exist for the most part.	9/4/2014 10:55 AM
22	After school activities requires more busses and we don't have the funding for it	9/4/2014 9:37 AM

## School Survey on STEM Education

### Q24 If students in your school are regularly involved in STEM competitions, please list the competitions:

Answered: 38 Skipped: 51

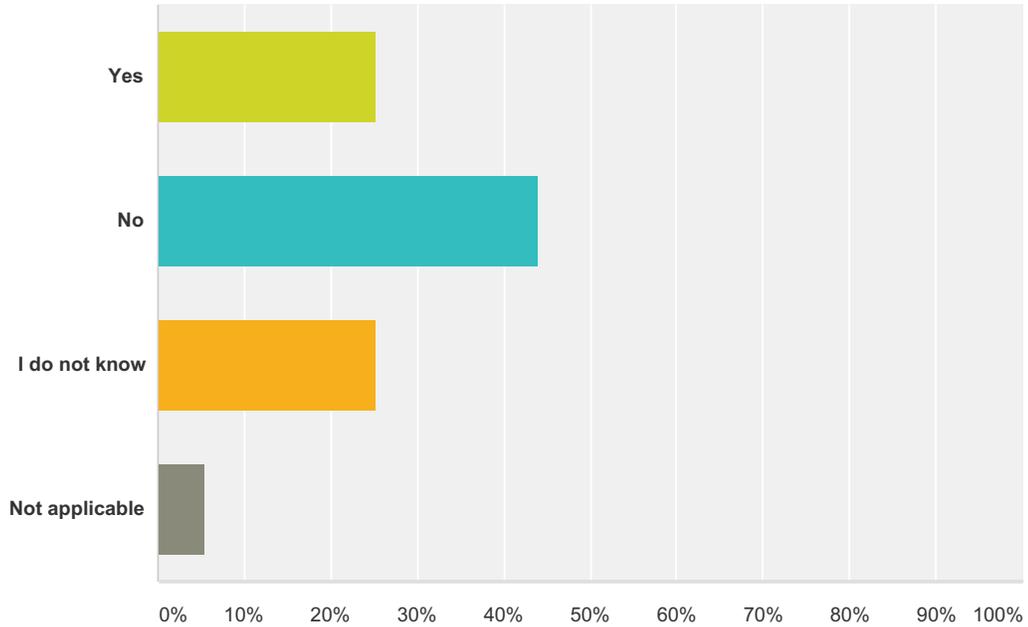
#	Responses	Date
1	Wind turbine design, bridge design, science olympics	9/18/2014 10:06 AM
2	Science Bowl, Academic Olympics, Robotics	9/18/2014 9:34 AM
3	Robotics Science Olympiad	9/18/2014 9:19 AM
4	robotics	9/15/2014 10:26 AM
5	None	9/9/2014 5:23 PM
6	robotics	9/9/2014 4:31 PM
7	basket, leggo and bridge competitions.	9/9/2014 11:21 AM
8	Future Cities, Vex, Math Counts, Science O, Science Bowl	9/8/2014 7:18 AM
9	science olympiad, science bowl, future cities, chess, rubik's cube, robotics, statistical posters, etc . . .	9/7/2014 1:47 PM
10	VEX and LEGO robotics, Science Olympiad, MathCounts, E-Cyber mission, Future Cities, UNLV Bridge Building.	9/7/2014 7:50 AM
11	Science Olympiad	9/5/2014 4:04 PM
12	no	9/5/2014 10:29 AM
13	I know that we have had students participate in the bridge building before and possibly other competitions that I am unaware of.	9/5/2014 9:57 AM
14	bridge building, Canstruction, Lego robotics, science Olympiad, explorations...	9/5/2014 9:19 AM
15	robotics, EV3, Science Bowl, VEX, Future Cities, Science Olympiad, Math Counts, Forensics	9/5/2014 7:24 AM
16	bridge building lego	9/5/2014 6:38 AM
17	Lego, bridge building, fairs, exploration classes	9/4/2014 10:52 PM
18	Robot building, Lego building, construction, recorder martial arts	9/4/2014 8:43 PM
19	all that are offered and we usually go to nationals in all of them.	9/4/2014 6:40 PM
20	Bridge building Robotics	9/4/2014 6:22 PM
21	I don't know.	9/4/2014 5:58 PM
22	Math Olympiad, Science Olympiad, Bridge building, robotics, Legos	9/4/2014 5:52 PM
23	Robotics, Chess	9/4/2014 5:36 PM
24	I don't know if they have STEM competitions	9/4/2014 5:08 PM
25	FLL, GeoBee, Canstruction, UNLV Science and Engineering Fairs, Mathletics,	9/4/2014 4:29 PM
26	science Olympiad, science bowl, science fair, math counts,	9/4/2014 4:16 PM
27	Science Olympiad Bridge building Robotics	9/4/2014 3:55 PM
28	Science Inquiry Night for families Bridge Building	9/4/2014 3:53 PM
29	Science Fair, Science Bowl, VEX Robotics; VEX Iq Robotics LEGO Robotics	9/4/2014 3:34 PM
30	Bridge building, science Olympiad. robotics	9/4/2014 3:27 PM
31	don't know	9/4/2014 3:22 PM

## School Survey on STEM Education

32	Science Olympiad Science Bowl Math Counts Future City Robotics - Lego and Vex eCybermission UNLV science and engineering fair AMC 8, 10 American Scholastic Challenge Purple Comet	9/4/2014 3:12 PM
33	Science Olympiad	9/4/2014 2:51 PM
34	Robotics and bridge building	9/4/2014 1:30 PM
35	Robotics for GATE	9/4/2014 1:24 PM
36	don't know	9/4/2014 11:30 AM
37	robotics and bridge building	9/4/2014 11:22 AM
38	Not sure of all of them.	9/4/2014 11:05 AM

**Q25 Are students in your school regularly involved in after-school STEM clubs or activities?**

Answered: 75 Skipped: 14



Answer Choices	Responses
Yes	25.33% 19
No	44.00% 33
I do not know	25.33% 19
Not applicable	5.33% 4
<b>Total</b>	<b>75</b>

## School Survey on STEM Education

### Q26 If your school does not offer clubs, why or why not?

Answered: 33 Skipped: 56

#	Responses	Date
1	funding/personnel	9/18/2014 7:09 AM
2	doesn't fit with our current educational setting	9/17/2014 8:56 AM
3	Limited resources	9/17/2014 3:42 AM
4	Funding and lack of interest	9/16/2014 7:51 PM
5	Not sure	9/16/2014 12:22 PM
6	In my facility school never stops. My students are at school 24-7, therefore there is no time for after school clubs; unless you count their gans as clubs.	9/16/2014 8:15 AM
7	Lack of transportation, support, and interest	9/15/2014 11:17 AM
8	I don't know	9/15/2014 10:26 AM
9	This district is more into sports and too many children are involved with that aspect there is little time for other after school activities - for example, the cub scouts cannot get enough interest because it interferes with sports	9/15/2014 9:18 AM
10	don't know	9/12/2014 2:46 PM
11	?	9/12/2014 1:42 PM
12	We do not have money or resources	9/12/2014 12:52 PM
13	resources	9/9/2014 5:20 PM
14	Not enough properly trained staff, equipment, or time.	9/9/2014 4:34 PM
15	not sure	9/9/2014 4:06 PM
16	We use to offer chess club, journalism, etc but no longer in place	9/9/2014 3:49 PM
17	I am not sure.	9/9/2014 12:39 PM
18	We offer another after school program.	9/9/2014 12:36 PM
19	Too many other programs going on	9/9/2014 11:21 AM
20	\$\$\$. Time	9/9/2014 6:23 AM
21	Many students are bussed far away from the school.	9/5/2014 4:05 PM
22	\$	9/5/2014 10:29 AM
23	We have buses that take students home it would be hard for their parents and transportation issues.	9/5/2014 9:58 AM
24	Student bussing issues	9/4/2014 6:23 PM
25	Students take buses and their would be no transportation.	9/4/2014 5:52 PM
26	Lack of time, people and organization	9/4/2014 3:58 PM
27	We rely on busing for the majority of our students and they cannot stay after school due to their need to use buses to come to magnet school	9/4/2014 3:55 PM
28	We are a magnet school and there is no late afternoon bus.	9/4/2014 3:28 PM
29	I don't know.	9/4/2014 1:27 PM
30	time and money	9/4/2014 11:43 AM

## School Survey on STEM Education

31	.....	9/4/2014 11:22 AM
32	We do offer clubs during our school day.	9/4/2014 11:05 AM
33	no after school busses	9/4/2014 9:37 AM

## School Survey on STEM Education

### **Q27 If students in your school are involved in after-school STEM activities, please list the after-school STEM clubs or activities:**

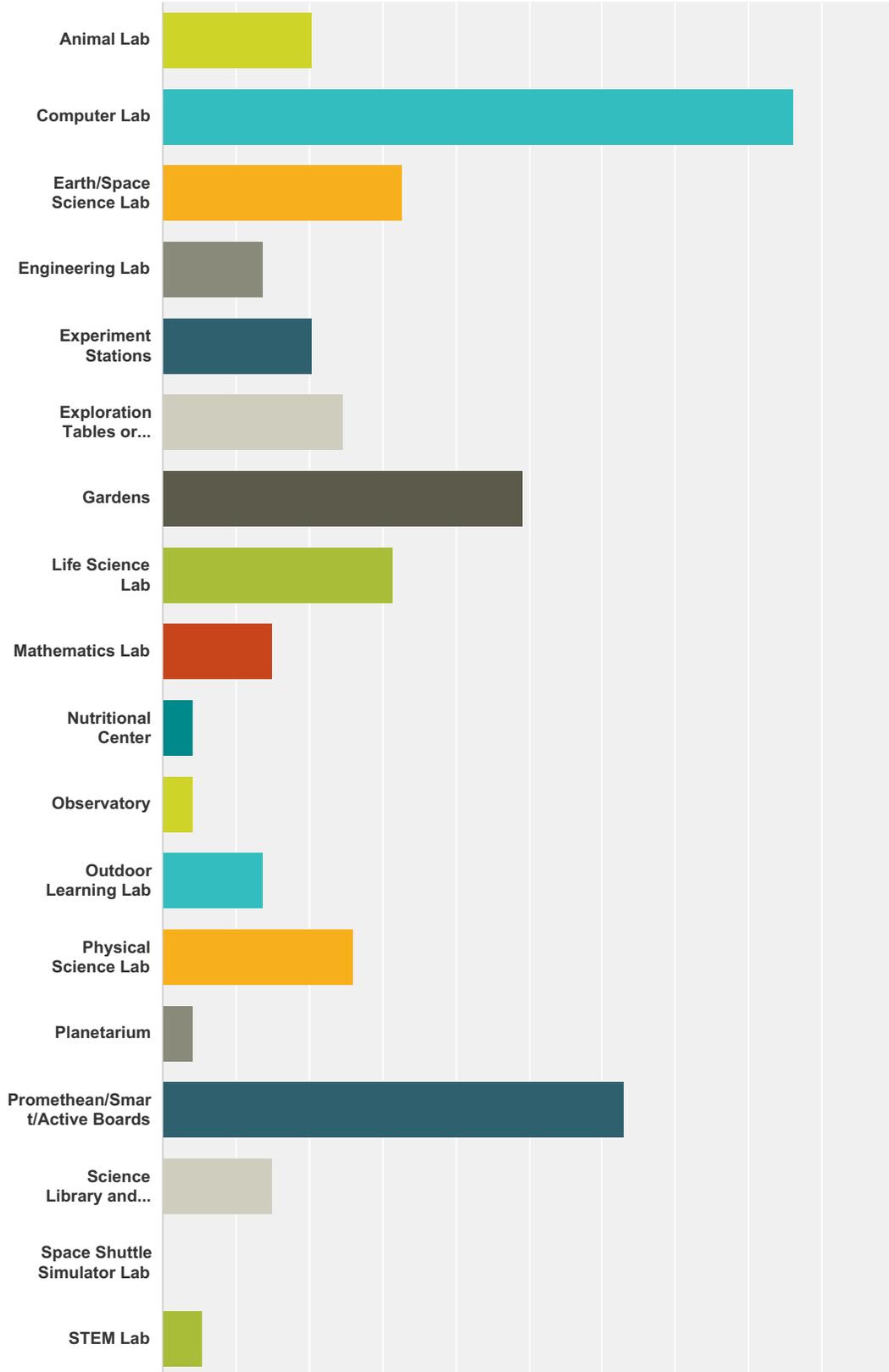
Answered: 17 Skipped: 72

#	Responses	Date
1	Not applicable in the traditional "after school" sense, but our students at science camps are involved in science-related activities every waking hour, right up until bedtime.	9/18/2014 10:54 AM
2	Robotics	9/18/2014 9:35 AM
3	Lego club	9/9/2014 5:23 PM
4	robotics, LEGO club	9/9/2014 4:31 PM
5	Future Cities, Vex, Math Counts, Science O, Science Bowl	9/8/2014 7:18 AM
6	same as last question	9/7/2014 1:47 PM
7	Science Olympiad, Chess Club, Future Cities	9/7/2014 7:51 AM
8	bridge building, lego robotics	9/5/2014 9:19 AM
9	robotics, Science Bowl, Math Counts, Math Olympiad, EV3, Future Cities, Forensics, Stock Market, Chess	9/5/2014 7:24 AM
10	STEM nights	9/5/2014 6:39 AM
11	Lego club Chess club	9/4/2014 8:44 PM
12	Science O and many others	9/4/2014 6:41 PM
13	Robotics Bridge building	9/4/2014 5:36 PM
14	FLL	9/4/2014 4:29 PM
15	science Olympiad, lego robotics, science bowl, math counts	9/4/2014 4:17 PM
16	VEX and Lego	9/4/2014 3:35 PM
17	Science Olympiad Science Bowl Future City Math Counts Robotics - Lego and Vex	9/4/2014 3:12 PM

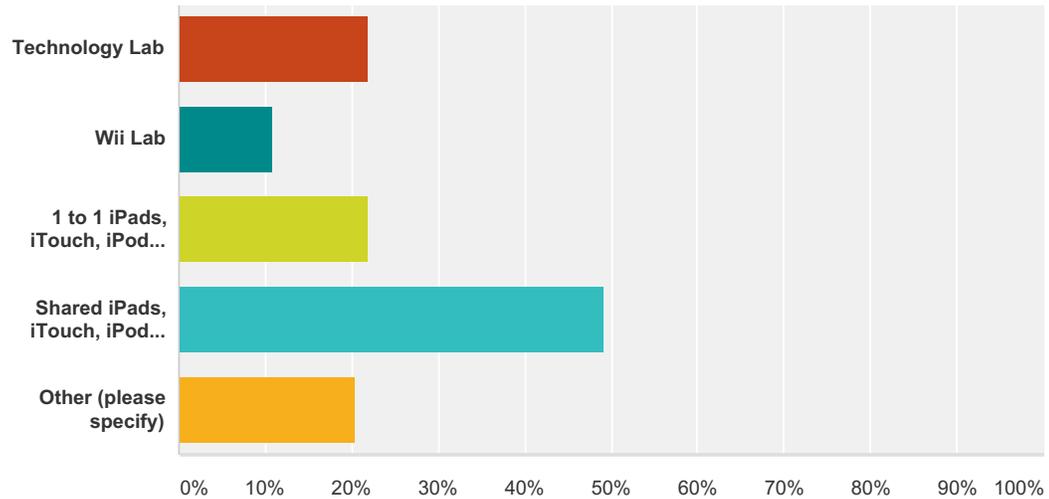
# School Survey on STEM Education

## Q28 What equipment and/or facilities are available at your school to support STEM education? Check all that apply.

Answered: 73 Skipped: 16



## School Survey on STEM Education



Answer Choices	Responses	
Animal Lab	20.55%	15
Computer Lab	86.30%	63
Earth/Space Science Lab	32.88%	24
Engineering Lab	13.70%	10
Experiment Stations	20.55%	15
Exploration Tables or Centers	24.66%	18
Gardens	49.32%	36
Life Science Lab	31.51%	23
Mathematics Lab	15.07%	11
Nutritional Center	4.11%	3
Observatory	4.11%	3
Outdoor Learning Lab	13.70%	10
Physical Science Lab	26.03%	19
Planetarium	4.11%	3
Promethean/Smart/Active Boards	63.01%	46
Science Library and Exhibits	15.07%	11
Space Shuttle Simulator Lab	0.00%	0
STEM Lab	5.48%	4
Technology Lab	21.92%	16
Wii Lab	10.96%	8
1 to 1 iPads, iPod, tablets	21.92%	16

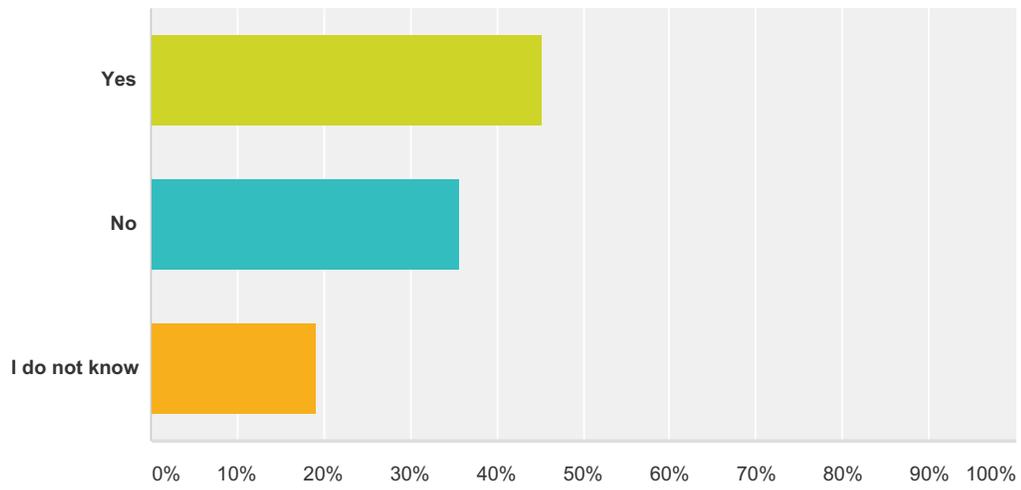
## School Survey on STEM Education

Shared iPads, iTouch, iPods, tablets	<b>49.32%</b>	36
Other (please specify)	<b>20.55%</b>	15
<b>Total Respondents: 73</b>		

#	Other (please specify)	Date
1	I use many of the local facilitys to train teachers	9/18/2014 10:08 AM
2	2nd generation FOSS kits	9/18/2014 7:10 AM
3	none of the above	9/17/2014 8:57 AM
4	1:1 Chromes, NC Lab	9/17/2014 3:42 AM
5	none	9/16/2014 8:16 AM
6	Foss kits	9/10/2014 1:34 PM
7	Robotics lab	9/5/2014 9:36 PM
8	Archaeology Lab	9/5/2014 9:59 AM
9	Lego Lab	9/5/2014 9:21 AM
10	hydroponics lab, robotics, and star lab	9/4/2014 5:57 PM
11	dont know	9/4/2014 4:04 PM
12	robotics, hydroponics	9/4/2014 3:54 PM
13	Hydroponics Lab	9/4/2014 1:50 PM
14	This is not for "STEM Education" this is for Education.	9/4/2014 1:07 PM
15	Star Lab, Robotics Lab,	9/4/2014 11:32 AM

### Q29 Does your school have a STEM coordinator/specialist?

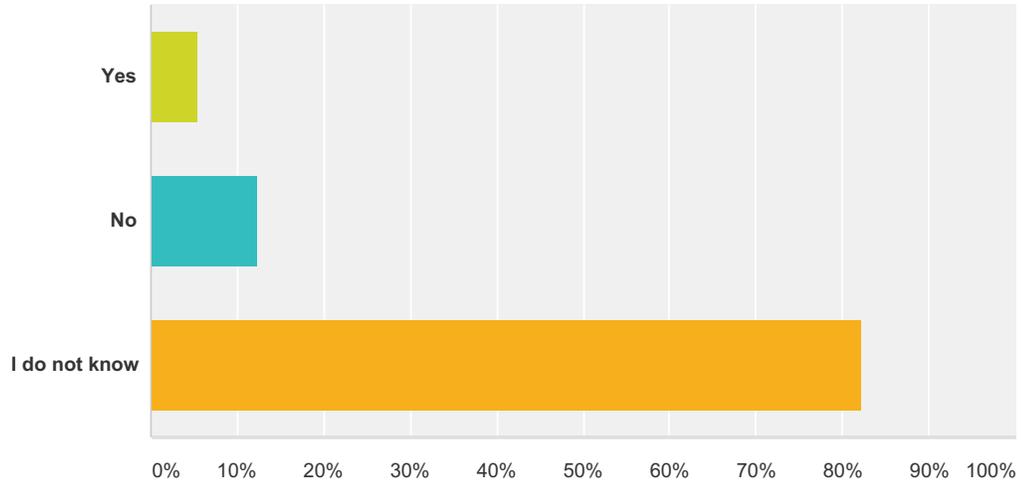
Answered: 73 Skipped: 16



Answer Choices	Responses
Yes	45.21% 33
No	35.62% 26
I do not know	19.18% 14
<b>Total</b>	<b>73</b>

**Q30 Does your state licensure department offer a STEM endorsement for a teaching license?**

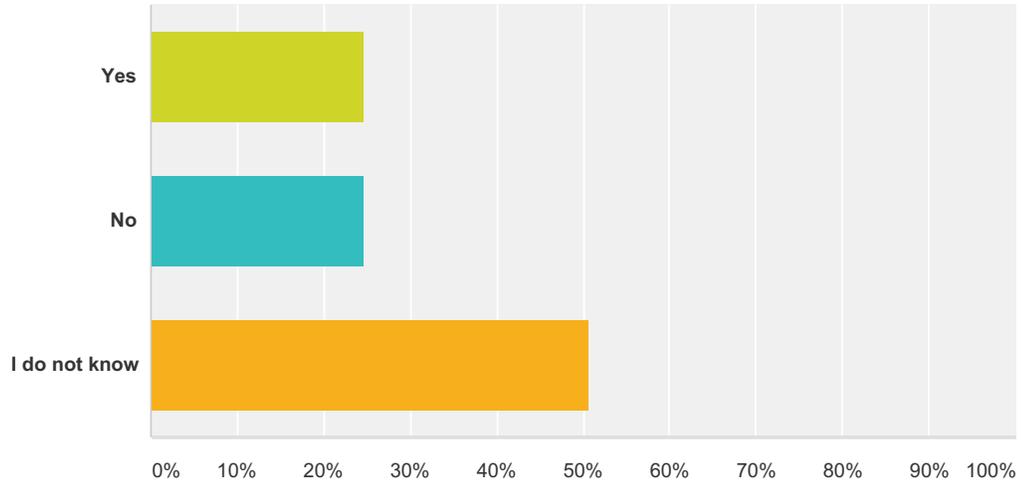
Answered: 73 Skipped: 16



Answer Choices	Responses
Yes	5.48% 4
No	12.33% 9
I do not know	82.19% 60
<b>Total</b>	<b>73</b>

**Q31 Do you have a business industry partner(s) involved with STEM education at your school?**

Answered: 73 Skipped: 16



Answer Choices	Responses
Yes	24.66% 18
No	24.66% 18
I do not know	50.68% 37
<b>Total</b>	<b>73</b>

## School Survey on STEM Education

### Q32 If you do not have a business industry partner, have you reached out to any businesses?

Answered: 18 Skipped: 71

#	Responses	Date
1	I haven't - I don't know if others in the department have	9/18/2014 9:21 AM
2	no	9/18/2014 7:10 AM
3	?????	9/17/2014 8:57 AM
4	No	9/17/2014 3:43 AM
5	Yes. We do correlate with the BLM., NDOW, and Forest Service to try to provide STEM into our classrooms	9/16/2014 12:25 PM
6	Most people believe that providing education to prison inmates is a waist of money. I believe reaching out to the business community would result in a phased reduction of funding to the point of no program.	9/16/2014 8:19 AM
7	No, I am not sure who to contact	9/15/2014 11:18 AM
8	no	9/15/2014 11:05 AM
9	We are not allowed to contact anyone ourselves that is done at the district level only	9/15/2014 9:19 AM
10	No	9/12/2014 12:52 PM
11	not sure	9/9/2014 4:07 PM
12	Unknown	9/9/2014 3:50 PM
13	Yes - we have just started doing this.	9/9/2014 12:36 PM
14	not that I am aware of	9/9/2014 11:22 AM
15	No	9/9/2014 6:24 AM
16	No	9/8/2014 7:19 AM
17	yes	9/5/2014 7:31 AM
18	Who does?	9/4/2014 6:24 PM

## School Survey on STEM Education

### Q33 If you do have a business industry partner, who is/are your business industry partner(s)?

Answered: 17 Skipped: 72

#	Responses	Date
1	Multiple natural resource agency & organization professionals	9/18/2014 10:57 AM
2	DRI, UNR, NVEnergy Nevada Mining Association, TERC	9/18/2014 10:10 AM
3	Rotary	9/5/2014 10:30 AM
4	There are many such as Switch, Nellis Starbase, ...	9/5/2014 9:21 AM
5	numerous; heavily involved with partners	9/5/2014 6:40 AM
6	There is a whole list but I don't have that handy at home....sorry	9/4/2014 10:54 PM
7	Numerous	9/4/2014 8:45 PM
8	??	9/4/2014 6:41 PM
9	Norgren	9/4/2014 5:53 PM
10	Too many to remember	9/4/2014 5:38 PM
11	Rotary, Nellis, Capital One, Green Our Planet, Create a Change Now, The Market	9/4/2014 4:30 PM
12	Norgren CB Richard Ellis	9/4/2014 3:56 PM
13	GES and Droneworx	9/4/2014 3:35 PM
14	DRI	9/4/2014 1:50 PM
15	Desert Research Institute	9/4/2014 1:34 PM
16	I believe it is DRI.	9/4/2014 11:06 AM
17	Desert Research Institute	9/4/2014 9:38 AM

## School Survey on STEM Education

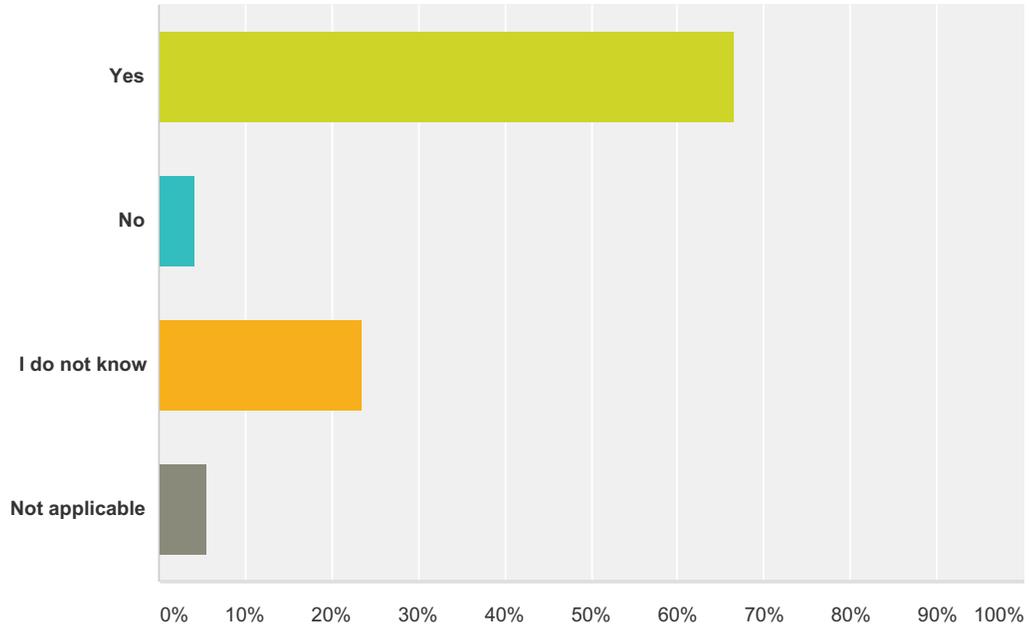
### Q34 How does your business industry partner(s) participate in STEM education at your school?

Answered: 17 Skipped: 72

#	Responses	Date
1	Funding, guest presentations, field equipment, etc.	9/18/2014 10:58 AM
2	They provide locations for classes and resources for teachers and expertise in the field.	9/18/2014 10:11 AM
3	\$, volunteering	9/5/2014 10:30 AM
4	Field trips, in class activities, guest speakers, and monetary or supply donations	9/5/2014 9:22 AM
5	directly, indirectly, financially, physically	9/5/2014 6:41 AM
6	Volunteer on event days, provide materials, provide money for materials, provide field trips	9/4/2014 10:54 PM
7	Monetary, speakers, judges for competitions	9/4/2014 8:46 PM
8	Gives them projects to compete to win that the business actually uses.	9/4/2014 6:42 PM
9	They gave out gift bags to all the students with random science supplies.	9/4/2014 5:54 PM
10	Helping financially and career days	9/4/2014 5:38 PM
11	Through providing genuine learning experiences, Capital One does financial literacy but they also have banded our trees and share data with the Smithsonian, Rotary provides career speakers and hosts the Canstruction, the Market is giving us a section of the store to sell herbs and vegetables to sustain our gardens and the students will organize and run that program. Green Our Planet helps us secure partners and raise funds for our program.	9/4/2014 4:32 PM
12	Gardening Donations for our Animal Lab and Garden	9/4/2014 3:56 PM
13	Competitions, field trips, and mentors	9/4/2014 3:36 PM
14	I still have no idea.	9/4/2014 1:50 PM
15	Scientist presentations and shared materials	9/4/2014 1:34 PM
16	They sponsor guest speakers that come to school and work with our children.	9/4/2014 11:07 AM
17	visiting scientists come to the school	9/4/2014 9:38 AM

**Q35 Are professional development opportunities focused on STEM education available for you?**

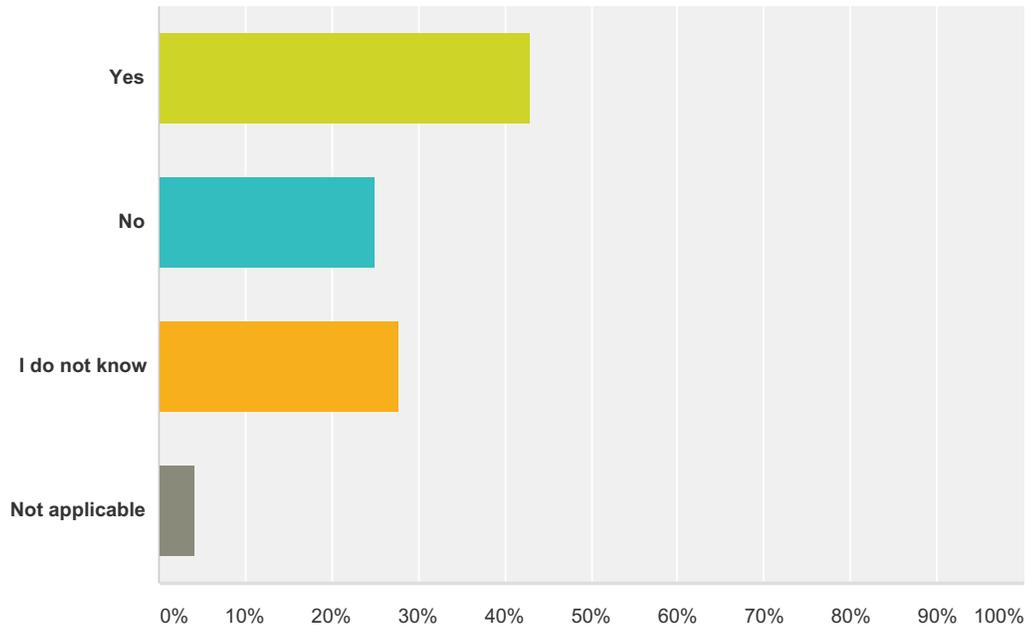
Answered: 72 Skipped: 17



Answer Choices	Responses
Yes	66.67% 48
No	4.17% 3
I do not know	23.61% 17
Not applicable	5.56% 4
<b>Total</b>	<b>72</b>

**Q36 Are there any intrinsic or extrinsic rewards to teaching STEM at your school?**

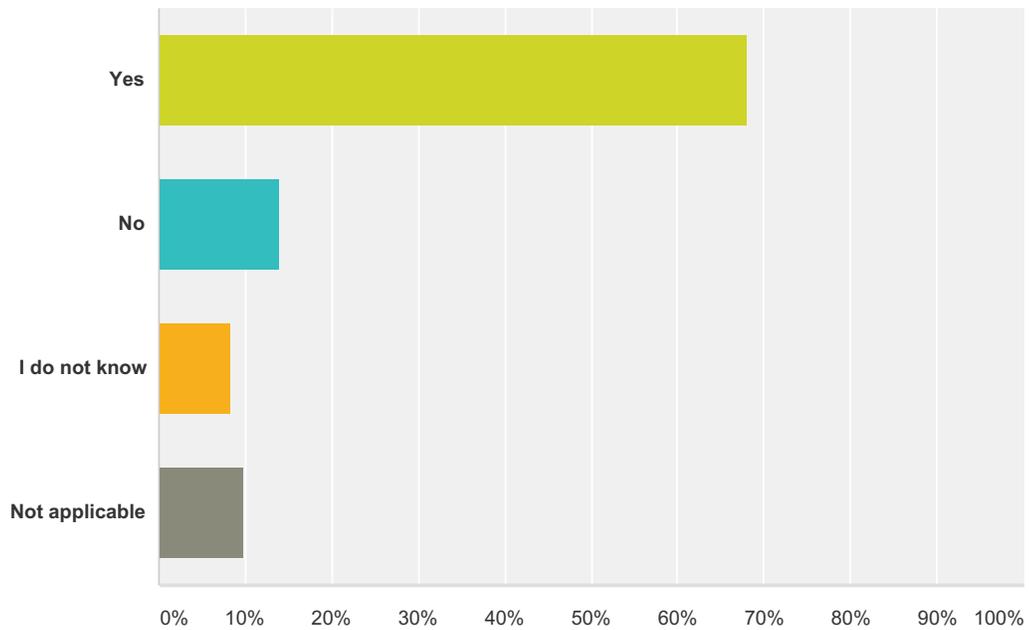
Answered: 72 Skipped: 17



Answer Choices	Responses	
Yes	43.06%	31
No	25.00%	18
I do not know	27.78%	20
Not applicable	4.17%	3
<b>Total</b>		<b>72</b>

### Q37 Have you been encouraged to teach STEM at your school?

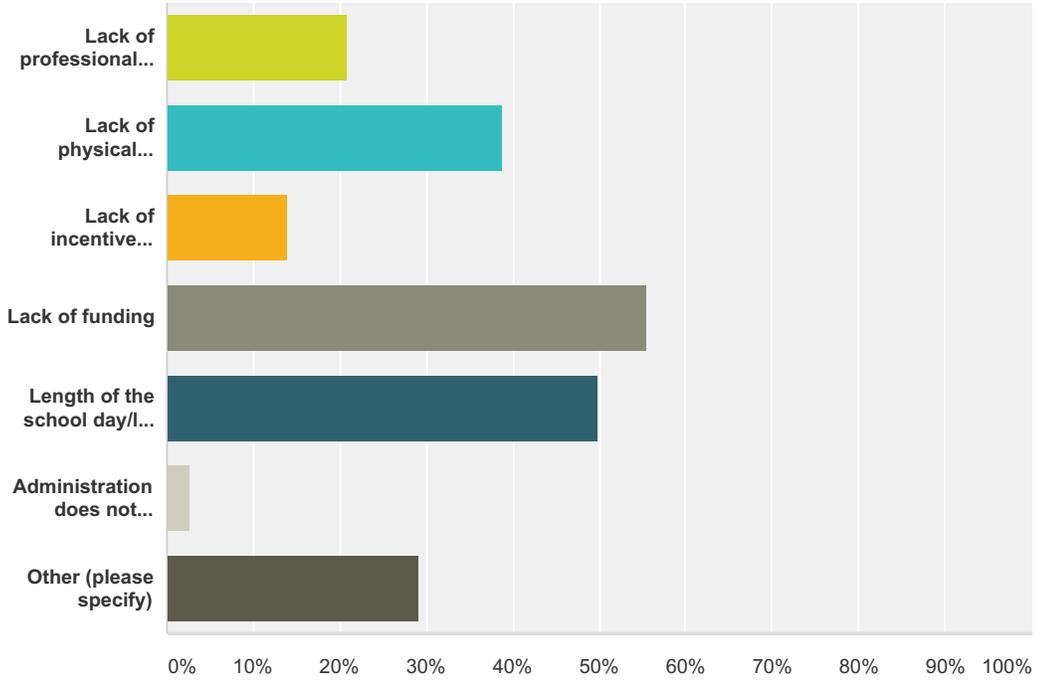
Answered: 72 Skipped: 17



Answer Choices	Responses	
Yes	68.06%	49
No	13.89%	10
I do not know	8.33%	6
Not applicable	9.72%	7
<b>Total</b>		<b>72</b>

**Q38 What are the challenges of integrating STEM education into your school? Choose all that apply.**

Answered: 72 Skipped: 17



Answer Choices	Responses
Lack of professional development opportunities	20.83% 15
Lack of physical infrastructure	38.89% 28
Lack of incentive structures	13.89% 10
Lack of funding	55.56% 40
Length of the school day/lack of time	50.00% 36
Administration does not support STEM education	2.78% 2
Other (please specify)	29.17% 21
<b>Total Respondents: 72</b>	

#	Other (please specify)	Date
1	school bus availability & cost; cost of providing science camps and day trips	9/18/2014 11:05 AM
2	Many administrators do not support STEM education at their schools	9/18/2014 10:15 AM
3	outdated FOSS kits or not having certain kits	9/18/2014 7:14 AM
4	students are too dangerous to be in a classroom	9/16/2014 8:21 AM
5	Administration wants STEM education; however, does not provide the technology and/or time to allow it.	9/15/2014 11:29 AM

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6	I do not know, not applicable to my position	9/11/2014 7:08 PM
7	Have not been at this school to be able to say at this point	9/10/2014 1:39 PM
8	lack of resources/training	9/9/2014 5:21 PM
9	Presently we have teachers working towards implementation	9/9/2014 3:51 PM
10	Our student population has not done well on state testing in the past and I think some are afraid to spend to much time on activities that may or may not get the students at grade level in reading and math.	9/9/2014 12:45 PM
11	I do not Know	9/9/2014 12:22 PM
12	Resources	9/9/2014 6:25 AM
13	I need to continue getting more PD	9/5/2014 10:00 AM
14	not everyone on board participating fully in STEM	9/5/2014 6:42 AM
15	I haven't had STEM training	9/4/2014 5:55 PM
16	NONE	9/4/2014 4:34 PM
17	dontknow	9/4/2014 4:04 PM
18	Counseling time	9/4/2014 3:57 PM
19	None	9/4/2014 1:30 PM
20	The BIGGEST challenge is people automatically ASSUME people know what "STEM Education" is.	9/4/2014 1:15 PM
21	N/A	9/4/2014 11:33 AM

## School Survey on STEM Education

### Q39 Is there anything else that you would like to share or clarify about any of your responses?

Answered: 32 Skipped: 57

#	Responses	Date
1	I would like to have outdoor science schools recognized & supported for support of STEM education & real-world applications & life-changing experiences for students.	9/18/2014 11:05 AM
2	NA	9/18/2014 9:36 AM
3	Realistically - there just isn't the budget available to bring in much more than basics.	9/18/2014 9:22 AM
4	I went through a week-long STEM training this summer. Our district just adopted a new ELA program that is very time consuming. Also, the kits we need to teach our FOSS science lessons, which work well with STEM, we don't have the funds to purchase and/or update. I would like to do more. It is definitely better than in years past since I took that training	9/18/2014 7:14 AM
5	no	9/17/2014 8:58 AM
6	No	9/17/2014 3:43 AM
7	Science teachers at our school try to implement as much as possible partners from the community but is not a regulated process so it is done as the partners are available and so forth.	9/16/2014 12:27 PM
8	There is professional development that I have been to; but, lately it seems to have tapered off. I am not sure if it is because I changed schools a few years ago or if PD has decreased. It seems that the administration wants flashy newsworthy projects, "a project to make kids want to come to school." However, there is no time to plan it, no follow through with other staff members/administration, and our school has a lack of technology.	9/15/2014 11:29 AM
9	The state needs to not only specify that they support STEM, they need to change how education is done in this state so that the opportunities are available. The state has pushed the test score and star ratings to only reflect Math and ELA - this is the single most important reason why STEM and science are decreasing in the amount of instructional time. This is what must change	9/15/2014 9:22 AM
10	What is the research that STEM works?	9/12/2014 1:45 PM
11	No	9/10/2014 1:39 PM
12	Lack of curriculum and materials to teach with.	9/9/2014 4:36 PM
13	no	9/9/2014 4:33 PM
14	We will be implementing STEM subject matter during the second semester	9/9/2014 3:51 PM
15	The continued focus on testing by politicians and other sectors of the public has deprived our students of quality experiences such as STEM.	9/9/2014 12:45 PM
16	Tech support has been the most lacking and number one reason that more technology has been so limited in my classroom. It's September. Today, a man came into my room (whose job is something altogether different) and fixed my printer, computer, laptop, ELMO, and my smart board. Before this, none of these worked. This solution took him less than 15 minutes. I've asked everyday since the start of school, and no one here is a qualified IT person to help. Sheer silliness and lack of resources.	9/9/2014 12:19 PM
17	No	9/9/2014 6:25 AM
18	STEM is important!	9/5/2014 9:23 AM
19	no	9/4/2014 6:42 PM
20	No	9/4/2014 6:25 PM
21	no	9/4/2014 5:55 PM

## School Survey on STEM Education

22	I don't see how any school today can not use STEAM education to fully engage students and this education leads to higher academic results. It is also highly engaging for educators as well who are having fun teaching the students.	9/4/2014 4:34 PM
23	no	9/4/2014 4:04 PM
24	no	9/4/2014 4:00 PM
25	no	9/4/2014 3:36 PM
26	no	9/4/2014 3:29 PM
27	xx	9/4/2014 3:23 PM
28	None	9/4/2014 1:51 PM
29	No	9/4/2014 1:38 PM
30	No.	9/4/2014 1:30 PM
31	I was involved with unboxing, setting up, and imaging 150 Lenovo laptop computers to be used with "Project Lead the Way". I don't know if the students liked it or if it "worked", but it was an AWFUL lot of preparation. Instruction needs to be natural, NOT contrived, or excessively frontloaded. Teachers and students have MORE THAN ENOUGH technology without buying more.	9/4/2014 1:15 PM
32	.....	9/4/2014 11:24 AM

## School Survey on STEM Education

### Q40 If you would be willing to speak to a member of the Nevada STEM Advisory Council to discuss your experience teaching STEM at your school, please provide your contact information.

Answered: 18 Skipped: 71

#	Responses	Date
1	Sue Jacox suejacox@nvbell.net 775-849-1890	9/18/2014 11:05 AM
2	No	9/18/2014 9:36 AM
3	No	9/17/2014 3:43 AM
4	Lelsy Stewart 775-289-4811 school 775-293-0644 cell	9/16/2014 12:27 PM
5	Sure: Sarah Richardson 775-843-6069	9/15/2014 11:29 AM
6	Camille Stegman, 775 848 9006	9/15/2014 9:22 AM
7	no thank you	9/10/2014 1:39 PM
8	no	9/9/2014 4:33 PM
9	A Nevada STEM Advisory Council member works at my school.	9/5/2014 9:23 AM
10	no	9/4/2014 6:42 PM
11	No	9/4/2014 6:25 PM
12	Nick DeMott Walter Bracken STEAM Academy	9/4/2014 5:39 PM
13	Kathleen Decker Walter Bracken STEAM Academy 702-799-7095 x0 deckekl@interact.ccsd.net	9/4/2014 4:34 PM
14	no	9/4/2014 4:00 PM
15	yes	9/4/2014 3:36 PM
16	yes	9/4/2014 3:29 PM
17	xx	9/4/2014 3:23 PM
18	.....	9/4/2014 11:24 AM