

MATE19 Parent Frequency Listing

		Status			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Paper complete	401	89.7	89.7	89.7
	WEB complete	45	10.1	10.1	99.8
	WEB partial complete	1	.2	.2	100.0
	Total	447	100.0	100.0	

Q00 What is the name of your regional competition?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Appalachian Highlands	11	2.5	2.5	2.5
	3 Arizona	25	5.6	5.6	8.1
	8 Cal-Maritime	7	1.6	1.6	9.6
	13 Florida	16	3.6	3.6	13.2
	14 Gray's Reef	34	7.6	7.6	20.8
	15 Great Lakes - Michigan	7	1.6	1.6	22.4
	18 Hong Kong - IET	2	.4	.4	22.8
	20 Indiana - STEMNASIUM Circle City	5	1.1	1.1	23.9
	22 Mid-Atlantic	8	1.8	1.8	25.7
	23 Monterey - Northern California	90	20.1	20.1	45.9
	24 New England	18	4.0	4.0	49.9
	25 Newfoundland & Labrador	3	.7	.7	50.6
	26 Northern Gulf Coast	2	.4	.4	51.0
	30 Oregon	31	6.9	6.9	57.9
	31 Pacific Northwest	15	3.4	3.4	61.3
	34 Shedd Aquarium - Midwest	23	5.1	5.1	66.4
	35 Texas	15	3.4	3.4	69.8
	38 International ROV Contest	135	30.2	30.2	100.0
	Total	447	100.0	100.0	

Q01 How many of your children are participating in the current MATE ROV competition today?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	4	.9	.9	.9
	1	366	81.9	82.4	83.3
	2	55	12.3	12.4	95.7
	3	9	2.0	2.0	97.7
	4	5	1.1	1.1	98.9
	6	1	.2	.2	99.1
	7	1	.2	.2	99.3
	10	1	.2	.2	99.5
	12	1	.2	.2	99.8
	30	1	.2	.2	100.0
	Total	444	99.3	100.0	
Missing	-1 No answer	3	.7		
Total		447	100.0		

Q02 How many of your children have ever participated in MATE ROV competitions?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	68	15.2	15.3	15.3
	1	280	62.6	63.1	78.4
	2	80	17.9	18.0	96.4
	3	12	2.7	2.7	99.1
	6	1	.2	.2	99.3
	7	1	.2	.2	99.5
	10	1	.2	.2	99.8
	12	1	.2	.2	100.0
	Total	444	99.3	100.0	
	Missing	-1 No answer	3	.7	
Total		447	100.0		

Q03 How would you rate your child(ren)'s experience building and competing with an ROV (underwater robot)?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	329	73.6	73.8	73.8
	2 Good	98	21.9	22.0	95.7
	3 Fair	18	4.0	4.0	99.8
	4 Poor	1	.2	.2	100.0
	Total	446	99.8	100.0	
Missing	-1 No answer	1	.2		
Total		447	100.0		

Q04A Has building an ROV affected your child(ren)'s grades in SCIENCE

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Grades improved	241	53.9	54.9	54.9
	2 No difference	192	43.0	43.7	98.6
	3 Grades declined	2	.4	.5	99.1
	4 Doesn't study that subject	4	.9	.9	100.0
	Total	439	98.2	100.0	
Missing	-1 No answer	8	1.8		
Total		447	100.0		

Q04B Has building an ROV affected your child(ren)'s grades in MATH

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Grades improved	213	47.7	48.6	48.6
	2 No difference	221	49.4	50.5	99.1
	3 Grades declined	4	.9	.9	100.0
	Total	438	98.0	100.0	
Missing	-1 No answer	9	2.0		
Total		447	100.0		

Q04C Has building an ROV affected your child(ren)'s grades in COMPUTERS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Grades improved	199	44.5	45.3	45.3
	2 No difference	168	37.6	38.3	83.6
	3 Grades declined	1	.2	.2	83.8
	4 Doesn't study that subject	71	15.9	16.2	100.0
	Total	439	98.2	100.0	
Missing	-1 No answer	8	1.8		
Total		447	100.0		

Q04D Has building an ROV affected your child(ren)'s grades in ENGINEERING/ROBOTICS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Grades improved	243	54.4	55.2	55.2
	2 No difference	108	24.2	24.5	79.8
	3 Grades declined	1	.2	.2	80.0
	4 Doesn't study that subject	88	19.7	20.0	100.0
	Total	440	98.4	100.0	
Missing	-1 No answer	7	1.6		
Total		447	100.0		

Q05A Because of the ROV project my child(ren) are more interested in learning about science, technology, engineering, and math

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	259	57.9	58.3	58.3
	2 Agree	150	33.6	33.8	92.1
	3 Neutral	30	6.7	6.8	98.9
	4 Disagree	2	.4	.5	99.3
	5 Strongly disagree	1	.2	.2	99.5
	6 Dont know	2	.4	.5	100.0
	Total	444	99.3	100.0	
Missing	-1 No answer	3	.7		
Total		447	100.0		

Q05B Because of the ROV project my child(ren) know more about careers in science, technology, engineering, and math

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	232	51.9	52.0	52.0
	2 Agree	156	34.9	35.0	87.0
	3 Neutral	48	10.7	10.8	97.8
	4 Disagree	5	1.1	1.1	98.9
	5 Strongly disagree	1	.2	.2	99.1
	6 Dont know	4	.9	.9	100.0
	Total	446	99.8	100.0	
Missing	-1 No answer	1	.2		
Total		447	100.0		

Q05C Because of the ROV project my child(ren) are more interested in a career in science, technology, engineering, or math

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	237	53.0	53.1	53.1
	2 Agree	132	29.5	29.6	82.7
	3 Neutral	67	15.0	15.0	97.8
	4 Disagree	3	.7	.7	98.4
	5 Strongly disagree	2	.4	.4	98.9
	6 Dont know	5	1.1	1.1	100.0
	Total	446	99.8	100.0	
Missing	-1 No answer	1	.2		
Total		447	100.0		

Q05D Because of the ROV project my child(ren) have increased their ability to apply STEM knowledge to solving real world problems

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	280	62.6	62.8	62.8
	2 Agree	132	29.5	29.6	92.4
	3 Neutral	29	6.5	6.5	98.9
	4 Disagree	1	.2	.2	99.1
	5 Strongly disagree	1	.2	.2	99.3
	6 Dont know	3	.7	.7	100.0
	Total	446	99.8	100.0	
Missing	-1 No answer	1	.2		
Total		447	100.0		

Q06A Because of the ROV project my child(ren) are better team members

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	253	56.6	57.1	57.1
	2 Agree	162	36.2	36.6	93.7
	3 Neutral	27	6.0	6.1	99.8
	5 Strongly disagree	1	.2	.2	100.0
	Total	443	99.1	100.0	
Missing	-1 No answer	4	.9		
Total		447	100.0		

Q06B Because of the ROV project my child(ren) are better leaders

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	250	55.9	56.4	56.4
	2 Agree	144	32.2	32.5	88.9
	3 Neutral	47	10.5	10.6	99.5
	5 Strongly disagree	1	.2	.2	99.8
	6 Dont know	1	.2	.2	100.0
	Total	443	99.1	100.0	
Missing	-1 No answer	4	.9		
Total		447	100.0		

Q06C Because of the ROV project my child(ren) are better problem solvers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	274	61.3	62.1	62.1
	2 Agree	147	32.9	33.3	95.5
	3 Neutral	18	4.0	4.1	99.5
	5 Strongly disagree	1	.2	.2	99.8
	6 Dont know	1	.2	.2	100.0
	Total	441	98.7	100.0	
Missing	-1 No answer	6	1.3		
Total		447	100.0		

Q06D Because of the ROV project my child(ren) are better critical thinkers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	263	58.8	59.5	59.5
	2 Agree	144	32.2	32.6	92.1
	3 Neutral	33	7.4	7.5	99.5
	5 Strongly disagree	1	.2	.2	99.8
	6 Dont know	1	.2	.2	100.0
	Total	442	98.9	100.0	
Missing	-1 No answer	5	1.1		
Total		447	100.0		

Q06E Because of the ROV project my child(ren) are more organized

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	200	44.7	45.2	45.2
	2 Agree	135	30.2	30.5	75.8
	3 Neutral	89	19.9	20.1	95.9
	4 Disagree	15	3.4	3.4	99.3
	5 Strongly disagree	1	.2	.2	99.5
	6 Dont know	2	.4	.5	100.0
	Total	442	98.9	100.0	
Missing	-1 No answer	5	1.1		
Total		447	100.0		

Q06F Because of the ROV project my child(ren) are more self-confident

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	235	52.6	53.0	53.0
	2 Agree	165	36.9	37.2	90.3
	3 Neutral	39	8.7	8.8	99.1
	4 Disagree	1	.2	.2	99.3
	5 Strongly disagree	1	.2	.2	99.5
	6 Dont know	2	.4	.5	100.0
	Total	443	99.1	100.0	
Missing	-1 No answer	4	.9		
Total		447	100.0		

Q07 What other changes have you seen in your child(ren) through their involvement in the ROV project?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Comments	209	46.8	100.0	100.0
Missing	-2 Partial complete	1	.2		
	-1 No answer	237	53.0		
	Total	238	53.2		
Total		447	100.0		

Q08A The ROV program is valuable for my childs educational development

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	325	72.7	73.5	73.5
	2 Agree	107	23.9	24.2	97.7
	3 Neutral	9	2.0	2.0	99.8
	5 Strongly disagree	1	.2	.2	100.0
	Total	442	98.9	100.0	
Missing	-2 Partial complete	1	.2		
	-1 No answer	4	.9		
	Total	5	1.1		
Total		447	100.0		

Q08B The ROV program has made it easier for me to envision my child with a career in STEM

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	276	61.7	62.4	62.4
	2 Agree	119	26.6	26.9	89.4
	3 Neutral	41	9.2	9.3	98.6
	4 Disagree	3	.7	.7	99.3
	5 Strongly disagree	2	.4	.5	99.8
	6 Dont know	1	.2	.2	100.0
	Total	442	98.9	100.0	
Missing	-2 Partial complete	1	.2		
	-1 No answer	4	.9		
	Total	5	1.1		
Total		447	100.0		

Q09 Did you access any of the MATE online resources?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	202	45.2	46.3	46.3
	2 No	233	52.1	53.4	99.8
	22	1	.2	.2	100.0
	Total	436	97.5	100.0	
Missing	-2 Partial complete	1	.2		
	-1 No answer	10	2.2		
	Total	11	2.5		
Total		447	100.0		

Q10 Did the MATE online resources help you support your childs involvement in the ROV program?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	189	42.3	82.2	82.2
	2 No	15	3.4	6.5	88.7
	3 Not applicable	26	5.8	11.3	100.0
	Total	230	51.5	100.0	
Missing	-3 Branching skip	29	6.5		
	-2 Partial complete	1	.2		
	-1 No answer	187	41.8		
	Total	217	48.5		
Total		447	100.0		

Q11A Do your child(ren) attend... Elementary school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	69	15.4	15.5	15.5
	2 No	377	84.3	84.5	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11B Do your child(ren) attend... Middle school/junior high

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	186	41.6	41.7	41.7
	2 No	260	58.2	58.3	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11C Do your child(ren) attend... High school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	194	43.4	43.5	43.5
	2 No	252	56.4	56.5	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11D Do your child(ren) attend... College/university

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	12	2.7	2.7	2.7
	2 No	434	97.1	97.3	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11E Do your child(ren) attend... Home school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	34	7.6	7.6	7.6
	2 No	412	92.2	92.4	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11F Do your child(ren) attend... Other (Please describe):

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	12	2.7	2.7	2.7
	2 No	434	97.1	97.3	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q11F_o Do your child(ren) attend... Other (Please describe):

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Comments	10	2.2	71.4	71.4
	2 No comments	4	.9	28.6	100.0
	Total	14	3.1	100.0	
Missing	-3 Branching skip	432	96.6		
	-2 Partial complete	1	.2		
	Total	433	96.9		
Total		447	100.0		

**Q12A What competition class did your child(ren) participate in?
EXPLORER**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	26	5.8	5.8	5.8
	2 No	420	94.0	94.2	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

**Q12B What competition class did your child(ren) participate in?
RANGER**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	202	45.2	45.3	45.3
	2 No	244	54.6	54.7	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

**Q12C What competition class did your child(ren) participate in?
NAVIGATOR**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	66	14.8	14.8	14.8
	2 No	380	85.0	85.2	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q12D What competition class did your child(ren) participate in? SCOUT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	154	34.5	34.5	34.5
	2 No	292	65.3	65.5	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

Q12E What competition class did your child(ren) participate in? Not sure

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	25	5.6	5.6	5.6
	2 No	421	94.2	94.4	100.0
	Total	446	99.8	100.0	
Missing	-2 Partial complete	1	.2		
Total		447	100.0		

**Q13 Do you have any other comments to share about your child(ren)'s
experience in the ROV program?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Comments	175	39.1	100.0	100.0
Missing	-2 Partial complete	1	.2		
	-1 No answer	271	60.6		
	Total	272	60.9		
Total		447	100.0		