

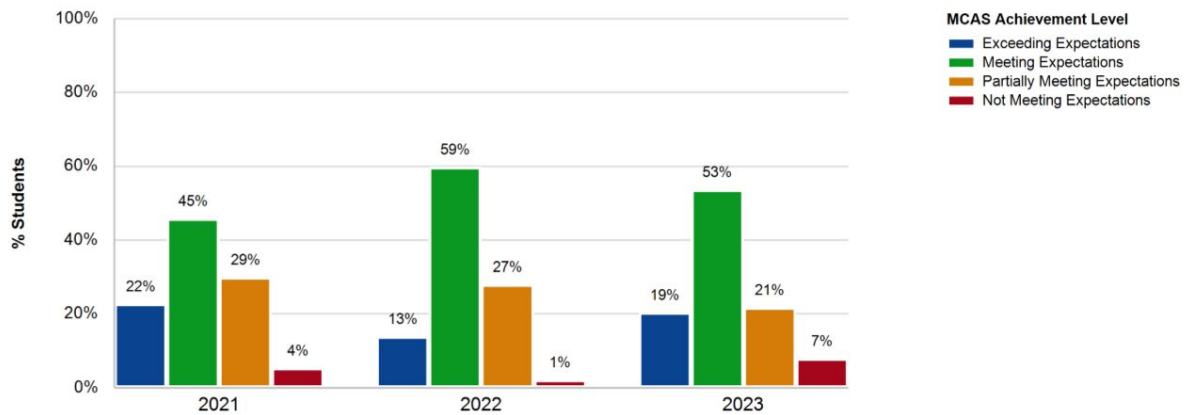


STE MCAS 2023

Tannis Smith STE Department Chair

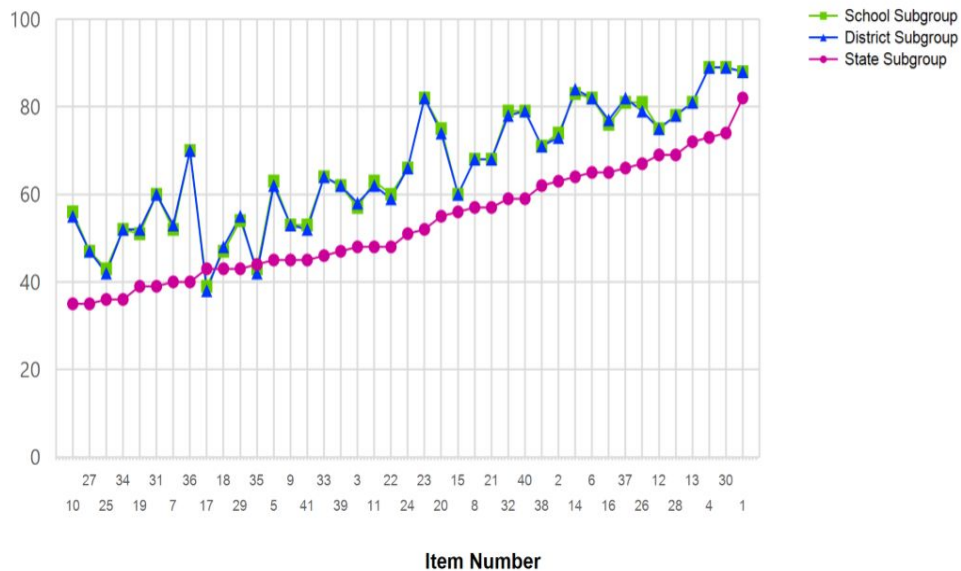
8th Grade Sci/Tech MCAS 2023

Student Group : All Students



	2021			2022			2023		
	School	District	State	School	District	State	School	District	State
Exceeding Expectations	22%	21%	8%	13%	14%	6%	19%	19%	6%
Meeting Expectations	45%	44%	33%	59%	57%	36%	53%	53%	35%
Partially Meeting Expectations	29%	30%	43%	27%	26%	41%	21%	21%	40%
Not Meeting Expectations	4%	4%	16%	1%	2%	18%	7%	7%	19%
Average Scaled Score	509	509	495	510	509	494	510	510	494
N Students	69	70	52,827	85	87	69,571	72	73	67,978
Participation Rate	100%	99%	91%	97%	97%	97%	100%	100%	98%

% Possible Points



Sort By State Score	Item No.	% Possible Points		
		School	District	State
35	10	56	55	35
35	27	47	47	35
36	25	43	42	36
36	34	52	52	36
39	19	51	52	39
39	31	60	60	39
40	7	52	53	40
40	36	70	70	40
43	17	39	38	43
43	18	47	48	43
43	29	54	55	43
44	35	43	42	44
45	5	63	62	45

72 students (district)

19% of students exceeded expectations (14 students)

53% of students meeting expectations (53 students)

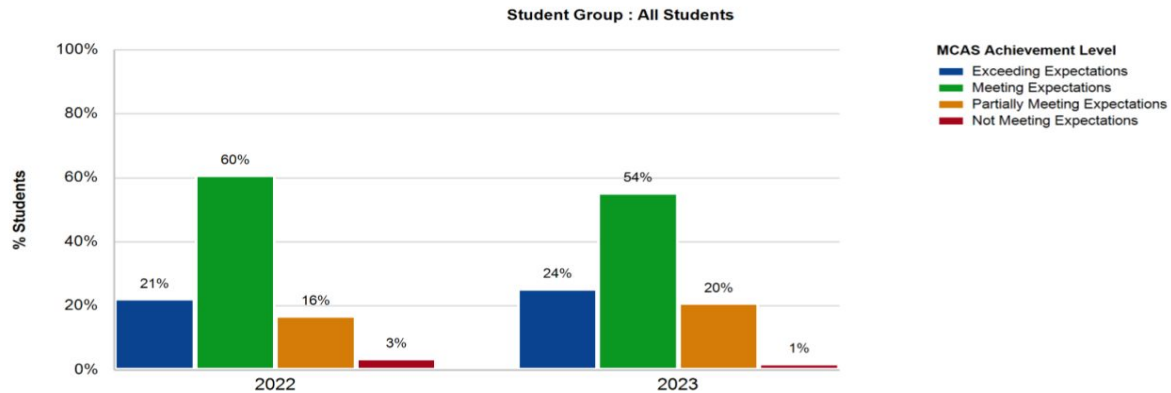
21% of students partially met expectations (15 students)

7% of students not meeting expectations (5 students)

72% of our students scored meeting or exceeding in the 8th grade MCAS as compared to 41% of the students across the state.

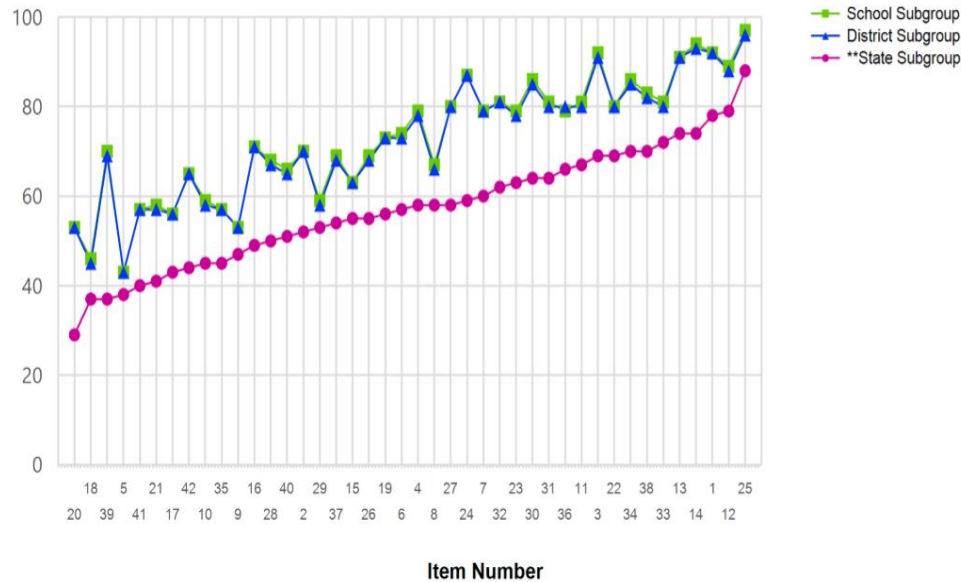
We also try to identify who the students are that were not meeting expectations and understand who those students are. Students who did not take the MCAS but were supposed to be identified as NM as well as any student who was scheduled to provide a portfolio assessment,

Biology MCAS Results 2023



	2022			2023		
	School	District	State	School	District	State
Exceeding Expectations	21%	21%	11%	24%	24%	11%
Meeting Expectations	60%	60%	34%	54%	54%	37%
Partially Meeting Expectations	16%	16%	40%	20%	20%	36%
Not Meeting Expectations	3%	3%	16%	1%	2%	16%
N Students	75	75	55,498	90	91	54,913

% Possible Points



Sort By State Score	Item No.	% Possible Points		
		School	District	State
29	20	53	53	29
37	18	46	45	37
37	39	70	69	37
38	5	43	43	38
40	41	57	57	40
41	21	58	57	41
43	17	56	56	43
44	42	65	65	44
45	10	59	58	45
45	35	57	57	45
47	9	53	53	47
49	16	71	71	49
50	28	68	67	50

90 students (district)

24% of students exceeded expectations (22 students)

54% of students meeting expectations (49 students)

20% of students partially met expectations (18 students)

1% of students not meeting expectations (1 students)

78% of our students exceeded or met expectations, whereas
48% of the state exceed or met expectations.

Next Steps

- Review standards report, item analysis report, and released questions
 - Are there any areas that need to be strengthened? (content or skills)
 - Review data prior to each unit and identify activities that will promote greater understanding (particularly in areas identified by item analysis report)
 - Identify models that are used as illustrative examples for each unit and incorporate these and similar models into our explanations and experiences
 - Integrate new question styles and previously released exam questions into assessments
- Use DESE “Look Fors” as guides for creating classroom experiences
- Schedule 8th grade review sessions prior to MCAS
- HS Biology Review Sessions held prior to exam after school/zoom
- Incorporate STE Performance Assessment Tasks for 8th Grade to prepare for NextGen MCAS to be fully implemented in 2026.
- Alignment between the Quest Program and classroom/MCAS curriculum
- Start looking at vertical alignment between elementary and middle school curriculum