

Student Educational Equity Development (SEED) Survey

5th Grade Science¹

Education leaders in Oregon would like to know more about your school year. Your answers will help schools in Oregon.

Your answers will be private. In most cases, your school, parent, or guardian will not see your answers. Read each question carefully. Choose the answers that are true for you. There are no right or wrong answers. If you cannot find the perfect answer, it is okay to pick the best one. You can skip any question.

Use the tools in the survey to help you. If you have questions, ask your teacher.

[Access to Learning Resources]

The next questions will ask you about things that could help you with your school work. These may be things in your home, community, or school. Please read each question carefully. Choose the answers that are true for you.

1. Are these things available to help you with your school work? [Total responses = 2,504]

	No, not available	Yes, sometimes available	Yes, always available	Skip question
Internet connection or Wi-Fi	2.5%	26.2%	68.7%	2.7%
Desktop computer or laptop (such as Chromebook or similar)	5.4%	27.0%	64.9%	2.7%
Tablet (such as iPad or similar)	53.8%	19.6%	20.6%	6.0%
Smartphone (such as iPhone or similar)	49.9%	16.7%	28.0%	5.4%
Tools to help you talk with your teacher and other students (such as headphones, microphones or similar)	10.6%	28.0%	55.4%	6.0%

¹ Item summaries only reflect responses from students enrolled in Oregon schools on the 1st school day in May 2021.

2. Are these things available to help you with your school work? [Total responses = 2,502]

	No, not available	Yes, sometimes available	Yes, always available	Skip question
Books or magazines to read for fun	10.4%	34.6%	52.1%	3.0%
School supplies (such as paper, pencil, etc.)	1.2%	12.4%	85.3%	1.1%
Textbook, workbook, or other things provided by your school	3.3%	17.5%	77.0%	2.2%
Books from your class library, school library, or public library	8.3%	29.7%	57.7%	4.3%

3. Are these things available to help you with your school work? [Total responses = 2,497]

	No, not available	Yes, sometimes available	Yes, always available	Skip question
Desk, table, or flat writing surface	1.8%	8.7%	88.0%	1.4%
Quiet <u>place</u> to do school work (such as an office or bedroom)	13.8%	37.4%	45.3%	3.5%
Friend, other children, or adults (not including your teachers)	6.6%	36.9%	51.0%	5.5%
Quiet <u>time</u> to do school work with few distractions	8.3%	48.9%	38.4%	4.4%
Tutoring or extra help not provided by your school	25.9%	31.9%	25.0%	17.2%

[Sense of Belonging]

The next questions will ask about your feelings toward your school. Please read each question carefully. Choose the answers that are true for you.

4. Think about your assignments from this school year. How often did they have pictures or stories of people who are like you and your family? [Total responses = 2,493]
 - Never [17.8%]
 - Rarely [28.7%]
 - Sometimes [35.4%]
 - Often [9.3%]
 - Skip question [8.9%]

5. Think about the tests you took this school year. How often did they have pictures or stories of people who are like you and your family? [Total responses = 2,493]
 - Never [29.8%]
 - Rarely [32.1%]
 - Sometimes [24.3%]
 - Often [6.7%]
 - Skip question [7.1%]

6. Think about the materials you used in class this school year. These could be textbooks, workbooks, or online materials. How often did they have pictures or stories of people who are like you and your family? [Total responses = 2,492]
 - Never [24.7%]
 - Rarely [27.4%]
 - Sometimes [26.7%]
 - Often [13.3%]
 - Skip question [7.9%]

7. Think about the things you read in class this school year. These things could be articles, stories, or books. How often did they show people who are like you and your family? [Total responses = 2,492]
 - Never [20.1%]
 - Rarely [26.2%]
 - Sometimes [32.6%]
 - Often [14.8%]
 - Skip question [6.3%]

8. Think about this school year and the people at your school. How much do you agree with each statement? [Total responses = 2,492]

	Strongly disagree	Disagree	Agree	Strongly agree	Skip question
I have friends at school.	2.4%	3.2%	33.9%	57.6%	2.8%
My classmates care about me.	5.3%	10.4%	50.3%	19.5%	14.4%
There are adults at my school who are like me and my family.	11.5%	22.2%	36.7%	18.6%	11.1%
I feel welcome at my school.	3.0%	5.9%	37.1%	46.4%	7.5%

9. Think about this school year and the people at your school. How much do you agree with each statement? [Total responses = 2,491]

	Strongly disagree	Disagree	Agree	Strongly agree	Skip question
There are adults at my school who care about me.	2.0%	3.1%	48.3%	40.7%	5.8%
I feel safe talking with adults at my school.	3.9%	9.6%	46.3%	33.4%	6.9%
I feel safe talking with students at my school.	3.2%	7.8%	45.7%	37.9%	5.4%
I like going to school.	8.9%	13.0%	39.9%	31.0%	7.3%
I have classmates who are like me and my family.	11.4%	18.2%	38.1%	23.4%	8.9%

[Opportunity to Learn]

The next questions will ask about your science classes. Please read each question carefully. Choose the answers that are true for you.

10. Think about what you learned in your elementary school science classes. How often did you learn about living things (such as plants, animals, or bacteria)? [Total responses = 2,487]

- Never [2.8%]
- Rarely [8.6%]
- Sometimes [31.6%]
- Often [54.8%]
- Skip question [2.2%]

11. Think about what you learned in your elementary school science classes. How often did you learn about chemicals (such as vinegar, baking soda, or hydrogen peroxide)? [Total responses = 2,486]

- Never [16.9%]
- Rarely [28.8%]
- Sometimes [35.0%]
- Often [15.5%]
- Skip question [3.7%]

12. Think about what you learned in your elementary school science classes. How often did you learn about rocks or minerals (such as diamond, iron, or lava rock)? [Total responses = 2,486]

- Never [17.8%]
- Rarely [31.2%]
- Sometimes [34.0%]
- Often [13.7%]
- Skip question [3.3%]

The next questions will ask about your science class this year. Please read each question carefully. Choose the answers that are true for you.

13. Think about what you did in your science class this year. How often did you do science activities using tools (such as microscope, thermometer, beaker, or weighing scale)?

[Total responses = 2,486]

- Never [45.1%]
- Rarely [27.2%]
- Sometimes [18.0%]
- Often [6.0%]
- Skip question [3.7%]

14. Think about what you did in your science class this year. How often did you read from a science textbook (print or digital)? [Total responses = 2,485]

- Never [22.7%]
- Rarely [22.0%]
- Sometimes [27.4%]
- Often [23.0%]
- Skip question [4.9%]

15. Think about what you did in your science class this year. How often did you learn about science topics on the Internet? [Total responses = 2,485]

- Never [11.7%]
- Rarely [25.1%]
- Sometimes [33.5%]
- Often [25.5%]
- Skip question [4.2%]

16. Think about what you did in your science class this year. How often did you watch a short video clip, movie, or video about science topics? [Total responses = 2,484]

- Never [4.6%]
- Rarely [12.7%]
- Sometimes [31.7%]
- Often [49.0%]
- Skip question [1.9%]

17. Think about what you did in your science class this year. How often did you write about science topics (such as science journal, lab report, or essay)? [Total responses = 2,482]

- Never [16.4%]
- Rarely [27.4%]
- Sometimes [33.7%]
- Often [17.6%]
- Skip question [4.9%]

18. Think about what you did in your science class this year. How often did you do the following? [Total responses = 2,480]

	Never	Rarely	Sometimes	Often	Skip question
Make a drawing that explains why or how something happens.	14.5%	22.4%	39.1%	19.1%	4.9%
Use a science experiment to answer a question.	20.2%	24.1%	29.4%	21.2%	5.2%
Put information you collect into a table or graph.	13.4%	18.9%	35.7%	26.0%	6.0%

19. Think about what you did in your science class this year. How often did you do the following? [Total responses = 2,480]

	Never	Rarely	Sometimes	Often	Skip question
Use evidence to explain why something happens.	5.8%	13.3%	30.0%	47.3%	3.8%
Find news articles about science on the Internet.	19.8%	27.5%	31.4%	16.6%	4.8%
Ask a scientific question or define an engineering problem.	19.2%	21.9%	31.9%	16.7%	10.3%

[Self-Efficacy Beliefs]

The next questions will ask about what you learned in your science classes. Please read each question carefully. Choose the answers that are true for you.

20. Think about what you learned in your science classes. How sure are you about doing each of the following? [Total responses = 2,479]

	Not sure	A little sure	Somewhat sure	Mostly sure	Very sure	Skip question
I can describe different ways to heat or cool water.	14.6%	16.6%	23.3%	21.7%	19.5%	4.3%
I can use models to describe where animals get their energy from.	20.1%	18.1%	22.0%	18.8%	16.6%	4.4%
I can design an experiment to show how sunlight affects the growth of a plant.	15.6%	16.9%	19.6%	22.2%	21.7%	4.0%
I can use examples to show how one living thing has helped another to survive.	10.6%	13.0%	18.3%	24.1%	29.1%	4.8%

21. Think about what you learned in your science classes. How sure are you about doing each of the following? [Total responses = 2,478]

	Not sure	A little sure	Somewhat sure	Mostly sure	Very sure	Skip question
I can explain why some animals survive better in some environments than others.	7.6%	12.8%	19.6%	26.8%	30.3%	2.9%
I can describe ways the hydrosphere and atmosphere interact.	41.0%	20.6%	16.4%	10.3%	5.0%	6.7%
I can describe how properties are used to identify a material.	27.7%	21.5%	22.3%	14.2%	7.7%	6.6%
I can describe why day and night and seasons happen.	17.1%	15.6%	17.9%	19.2%	25.4%	4.8%

[Well-Rounded Education]

The next questions will ask you about special classes at your school. Please read each question carefully. Choose the answers that are true for you.

22. Think about this school year. How often did you have an art lesson? [Total responses = 2,477]

- Never [11.3%]
- Once or twice this year [27.9%]
- Once or twice a month [32.5%]
- Once or twice a week [18.8%]
- More than twice a week [4.1%]
- Skip question [5.3%]

23. Think about this school year. How often did you have a music lesson? [Total responses = 2,477]

- Never [22.3%]
- Once or twice this year [5.6%]
- Once or twice a month [4.7%]
- Once or twice a week [50.9%]
- More than twice a week [13.0%]
- Skip question [3.6%]

24. Think about this school year. How often did you have PE or physical education?
[Total responses = 2,476]

- Never [3.8%]
- Once or twice this year [2.9%]
- Once or twice a month [3.6%]
- Once or twice a week [53.2%]
- More than twice a week [33.4%]
- Skip question [2.9%]

This is the end of the survey. You may review and change your answers before submitting. Thank you for your time. Your answers will help improve Oregon schools.