

STEM survey for students

STEM means science, technology, engineering and math. Answer for yourself and leave your name off.

Class or program _____

Date _____

For each statement, tick one box from 1 (strongly disagree) to 5 (strongly agree).

STATEMENT	STRONGLY DISAGREE				STRONGLY AGREE
1 I look forward to my STEM lessons this term.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
2 When a math or science problem gets hard, I keep going.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
3 I could explain something from STEM class to a friend.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
4 I see myself as a STEM person.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
5 My teachers think I am good at STEM subjects.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
6 What I learn in STEM classes helps me outside school.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
7 I can picture myself in a job that uses STEM.	☐ 1	☐ 2	☐ 3	☐ 4	☐ 5
8 Which STEM subject do you enjoy most? ☐ Science ☐ Technology ☐ Engineering ☐ Math ☐ None yet					
9 On a free afternoon, which would you rather do? ☐ Build or fix something ☐ Run an experiment ☐ Code a game or app ☐ Solve a number puzzle ☐ Something else					
10 How often do you do STEM things outside class, like clubs, coding or building? ☐ Never ☐ A few times a year ☐ About once a month ☐ Most weeks ☐ Most days					
11 Which STEM lesson or project from this year do you remember best, and why? _____ _____ _____ _____					
12 What would make STEM classes better for you? _____ _____ _____ _____					

Optional questions (1 of 2)

Add any of these to the core questions. Keep the numbering running on from page one.

Math confidence

STATEMENT	NOT AT ALL CONFIDENT				EXTREMELY CONFIDENT
13 How confident are you solving word problems?	1	2	3	4	5
14 How confident are you with fractions and percentages?	1	2	3	4	5
15 How confident are you reading data from a graph?	1	2	3	4	5
16 How confident are you solving an equation for x?	1	2	3	4	5
17 How confident are you doing math in your head?	1	2	3	4	5
18 How confident are you estimating before you calculate?	1	2	3	4	5
19 How do you usually feel right before a math test?					
☐ Calm ☐ A bit nervous ☐ Very nervous ☐ It depends on the topic					
20 In a normal school week, how long do you spend on math homework?					
☐ None ☐ Under 1 hour ☐ 1 to under 3 hours ☐ 3 to under 5 hours ☐ 5 hours or more					

In your STEM classes

21 How often do you do hands-on work in STEM classes, like labs or builds?

☐ Every week ☐ Every few weeks ☐ Once or twice a term ☐ Never

STATEMENT	STRONGLY DISAGREE				STRONGLY AGREE
22 I can ask a question in STEM class without feeling silly.	1	2	3	4	5
23 Our STEM lessons connect to real problems people have.	1	2	3	4	5
24 In group projects, everyone gets a real job to do.	1	2	3	4	5
25 I have the device and internet I need for STEM homework.	1	2	3	4	5

Your future in STEM

26 Which of these fields would you like to find out more about? (tick all that apply)

☐ Medicine ☐ Coding ☐ Engineering ☐ Environment ☐ Space ☐ Animals ☐ Data

Optional questions (2 of 2)

Add any of these to the core questions. Keep the numbering running on from page one.

Your future in STEM (continued)

27 Do you know an adult who works in a STEM job?

☐ Yes, in my family ☐ Yes, someone else ☐ No ☐ Not sure

28 After high school, what do you plan to do first?

☐ Four-year college ☐ Two-year college ☐ Apprenticeship ☐ Start working ☐ Not sure yet

STATEMENT	STRONGLY DISAGREE				STRONGLY AGREE
29 I know which classes to take for a STEM job I might want.	1	2	3	4	5

30 Do you plan to take an advanced math or science class next year?

☐ Yes ☐ No ☐ Not sure ☐ Not offered at my school

After a STEM program

STATEMENT	STRONGLY DISAGREE				STRONGLY AGREE
31 This program made me more interested in STEM.	1	2	3	4	5
32 I tried something here I had never done before.	1	2	3	4	5
33 I would sign up for another program like this one.	1	2	3	4	5

34 What was the best moment of the program for you?

About you (optional)

35 What grade are you in?

☐ Grade 6 to 8 ☐ Grade 9 to 10 ☐ Grade 11 to 12 ☐ College ☐ Prefer not to say

36 How do you describe your gender?

☐ Girl or woman ☐ Boy or man ☐ In another way ☐ Prefer not to say