

STEM ASPIRATIONS

Traits of Different Groups

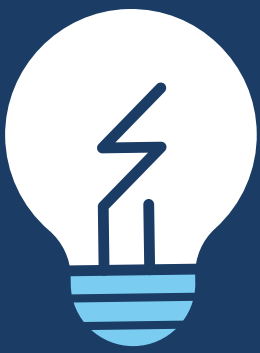
COMMON EVEN IN STUDENTS WITH LOW STEM ASPIRATIONS

- I would like to use creativity and innovation in my future work.
- I would like to improve things that people use every day to make life better.
- Knowing how to use math and science well will allow me to create/invent useful things.
- I have learned to do things that I thought were difficult.
- I am interested in continuing my education beyond high school.



MORE COMMON IN STUDENTS WITH MODERATE TO HIGH STEM ASPIRATIONS

- I think science, engineering and math are fun and interesting.
- I like the challenge of working on difficult tasks.
- I am good at fixing things.
- I like working on projects in groups during class.
- I like working with other people to complete assignments and tasks.
- I like working on group projects in general.
- I would like to do more science, engineering and math activities.
- I usually communicate well.
- I am a problem-solver.
- I get good grades in math.
- Math is easy for me.



ONLY COMMON IN STUDENTS WITH HIGH STEM ASPIRATIONS

- I do well in math.
- I would consider a career in science.
- I would like a career as a scientist, mathematician, or engineer.



GENDER DIFFERENCES IN STUDENTS WITH HIGH STEM ASPIRATIONS

Females Higher:

- I am interested in continuing my education beyond high school.
- I like working on group projects in general.
- I am a problem-solver.

Males High:

- I would like a career as a scientist, mathematician, or engineer.
- I am good at fixing things.