

STEM Squires: Careers

Careers: A particular occupation or job for which you are trained.

If you become familiar with careers, you can make decisions about what you would like to study, and what you want to be when you grow up. The more you know, the better chance you have of choosing the best career for your futures! (The PA State Department of Education set clear standards for Career Education, which include Career Awareness, Career Acquisition, Career Retention/Advancement, and Entrepreneurship. Please refer to www.pacareerstandards.com for more information.)

***The following are suggested activities for each grade level, however please feel free to explore other ideas that may be of interest to you.**

Kindergarten (Career Awareness)

Task: Visit someone in your community at their job for one hour.

- *List the job responsibilities*
- *How does this career help your community?*
- *List 5 of your personal interests. Would you want to have that career when you grow up? Why or why not?*
- *How does this job use Science, Technology, Engineering (problem-solving), or Mathematics?*
- *Must use at least 1 resource*

First Grade (Career Acquisition)

Task: Visit someone in your community at their job for one hour.

- *How does that career use Science, Technology, Engineering (problem-solving), and Mathematics?*
- *Create an advertisement to hire new people for that job. (ex: a commercial, an advertisement, a flyer)*
- *List the skills needed for that job*
- *Must use at least 1 resource*

Second Grade (Career Retention)

Task: Visit someone in your community at a job you think matches your personality, for one hour (You can use online assessments such as pacareerzone.org to find matches).

- *Interview an employee with at least 5 questions*
- *Research the education needed to get that job, and what life-long learning do workers do to keep that job.*
- *What attitudes or work habits contribute to their success?*
- *Do they work on a team? With others? Individually?*
- *Must use at least 2 resources*

Third Grade (Career Advancement)

Task: Visit someone in your community with a career in Science, Technology, Engineering (problem-solving), or Mathematics for one hour.

- *Design something that could improve that job, make that job easier, or help the job Go Green. (“Going green” is a popular term used to describe the process of changing one’s lifestyle for the safety and benefit of the environment. People who “go green” make decision about their daily lives while considering what impact those decisions may have on global warming, pollution, loss of animal habitats, and other environmental concerns.)*
- *What is the name of your invention, and how does it work?*

- *Must use at least 3 resources*

Fourth Grade (Entrepreneurship)

Task: Be an entrepreneur!

- Define *entrepreneur*, and traits of successful entrepreneurs. (ex: risk-takers, positive attitudes)
- Create a chart of age-appropriate entrepreneurial opportunities (ex: bake sale, pet care)
- Explore job areas that match your personality (you can use online assessments such as pacareerzone.org to find matches)
- If you were to start a new business, what would it be? How would it work? What skills would you need to be successful? Who would you want to work with? How would your role change over time? How would it relate to Science, Technology, Engineering, or Mathematics?
- Write a letter to someone persuading them to help you start your business. Include the skills you have that would help it be successful.
- Must use 3 resources