Name:

**DIRECTIONS:** Go to [ScienceBuddies.org](http://www.sciencebuddies.org/) or [BLS.gov/OOH](http://www.bls.gov/OOH/). Complete the following table by selecting Science, Technology, Engineering, and Math that are new and interesting to you. Each row suggests a different education level: trade or certificate, associate’s degree, bachelor’s degree, or graduate degree (master’s or doctoral). An example is provided.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Which STEM occupation or career is new and interesting to me** | **How much could I earn in the job, and what is the outlook?** | **How can I summarize the job that I might do in this occupation or career?** | **What would I need to do if I wanted to pursue this occupation or career? What would I study in college? How could I prepare now?** |
| EXAMPLE | Environmental Engineer | $78,740/year  22% growth | Environmental engineers use the principles of engineering, soil science, biology, and chemistry to develop solutions to environmental problems. They are important for protecting our environment. | Must have a bachelor’s degree in environmental engineering or related field, such as civil, chemical, or mechanical engineering. Employers value practical experience, so I should seek an internship. In high school, I should take related sciences. Environmental engineers should be creative, inquisitive, analytical, and detail oriented. They should work well as part of a team and communicate well. I can start developing those skills now. |
| TRADE OR CERTIFICATE |  |  |  |  |
| ASSOCIATES |  |  |  |  |
| BACHELORS |  |  |  |  |
| GRADUATE |  |  |  |  |

**List 3 STEM careers that are in high demand:**

1.

2.

3.

**List STEM careers that are essential to our health, happiness, and safety.**

**HEALTH:**

**HAPPINESS:**

**SAFETY:**

**List 3 STEM careers that require collaboration:**

1.

2.

3.

**List 3 STEM careers that benefit from creativity:**

1.

2.

3.

