

STEM Career Search Matrix

Instructions: Complete the following table by selecting Science, Technology, Engineering, and Math (STEM) careers or occupations from ScienceBuddies.org or BLS.gov/OOH 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 this 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				
ASSOCIATE’S				
BACHELOR’S				
GRADUATE (master’s or doctorate)				



Funded by a grant from the National Science Foundation, GSE/EXT: STEM Equity Pipeline Project, Grant No. HRD-1203121



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