 

**Career Planning Cluster: Science, Technology, Engineering & Mathematics**

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| **Foundational Skills Recommended** |
| Oral and Written Communication Skills | Problem Solving | Critical Thinking | Leadership |
| Teamwork | Ethical | Legal Responsibility | IT |
| Health & Environment | Employability | Career Development | Safety Focused |
| **Summary** |
| Science, technology, engineering, and mathematics workers do scientific research in laboratories or the field. Others plan or design products and systems. Or, you might support scientists, mathematicians, or engineers as they do their work. Pathways can focused in the Engineering and Technology arena where workers apply math, science, and technology concepts to solve problems in engineering projects or focused in the Science and Mathematics arena where workers can apply essential math and science content and skills to physical, environmental, and human endeavors.  |
| **Career Options** |
| Students interested in Science, Technology, Engineering & Mathematics can obtain a variety of interesting careers including: |
| * Aerospace Engineer
* Astronomer
* Archeologist
* Biochemist
* Chemical Engineer
* Clinical Data Manager
* Conservation Specialist
* Economist
* Energy Engineer
* Environmental Planner
* Geographer
* Historian
* Mathematician
* Microbiologist
 | * Mining & Geological Engineer
* Park Naturalist
* Physicist
* Political Scientist
* Sociologist
* Statistician
* Validation Engineer
* Naval Engineer
* Zoologist
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