TeST Online Career Resources

General Career Exploration Resources

O-NET
http://online.onetcenter.org/

Career Cornerstone
http://careercornerstone.org
The Sloan Career Cornerstone website provides some career information, profiles, videoclips and advice on educational pathways to specific STEM careers.

CareerInfoNet
www.careerinfonet.org
Gauge your skill levels using the Skills Profiler and the Employability Check-Up tools. These assessments help you learn about your work values and what you think is important about a job.

ISEEK’s Online Skills Assessment
www.iseek.org/
Click here to take an online skill assessment that will rate your skills. Once you complete the quiz, ISEEK will post occupations that match your skills. From there you can link to more occupational details.

STEM Career Resources

Get STEM
www.getstemmn.org

MN STEM (Minnesota Dept. of Education)
Interactive Web site with featured careers, resources and fun activities to help explore STEM education and careers. www.mn-stem.com

Discover Engineering
http://www.discoverengineering.org
Interactive site that provides overview of careers in engineering that may assist students in identifying an emphasis; What’s Engineering, Video Activities, What’s New in Engineering and Cool Stuff (news clips about up-and-coming engineering research/careers).

Engineer Your Life
www.engineeryourlife.org
TeST Online Career Resources

Really fun interactive site with videos and graphics about engineering that are super appealing to kids.

Explore Health Care Careers
www.explorehealthcareers.org
This site is designed to help older students and adults explore health careers and features a career explorer tool and professional profiles of real people working in health career professions. Many other resources on finding academic programs and funding your education.

The Fun Works (Education Development Center)
Site explores interesting science and math-related careers that are often overlooked.
www.thefunworks.org

InDemand Magazine — STEM (U.S. Dept. of Labor)
Download or read this online magazine that highlights critical skills, post-secondary degrees and in-demand STEM careers.
www.careervoyages.gov/indemandmagazine-stem.cfm

For Teachers
Classroom Activities & Lesson Plans

General STEM
Agriculture Teacher Resources (MN Dept. of Agriculture)
Materials can be integrated into existing subject areas such as social studies, science, environmental education, math and language arts.
www.mda.state.mn.us/kids/maitc/teachresources.htm

DragonflyTV Education Guides (PBS/National Science Teacher's Association)
Activities for topics related to Body and Brain, Earth and Space, Living Things, Matter and Motion, and Technology and Invention.
http://pbskids.org/dragonflytv/parentsteachers/index.html

The Fun Works Teachers & Instructors Section (Education Development Center) STEM-related lesson plans, activities, career information and other resources.
www.thefunworks.org (free login required for teacher section)
TeST Online Career Resources

NOVA Teacher's Guides by Subject (PBS)
Classroom activities, viewing ideas and interactive resources.
www.pbs.org/wgbh/nova/teachers/resources/subject.html

Try Engineering
Lesson plans that align with education standards to allow teachers and students to apply engineering principles in the classroom.
http://www.tryengineering.org/lesson.php

TeachEngineering digital library provides teacher-tested, standards-based engineering content for K-12 teachers to use in science and math classrooms. www.teachengineering.org

Engineering & Technology
Fields of Energy (MN Dept. of Agriculture)
Renewable energy DVD and Teacher Guide (grades 7-10), free downloads.
www.mda.state.mn.us/kids/maitc/fieldsofenergy.htm

K-12 Educators Section (Engineering K-12 Center)
Lesson plans, outreach programs for pre-college students and other engineering education resources. www.engineeringk12.org/educators/default.php

Pre-College Teacher Resources (ASME)
Science and engineering lesson plans and other resources for K-12.
www.asme.org/Education/PreCollege/TeacherResources

Try Engineering
Lesson plans that align with education standards to allow teachers and students to apply engineering principles in the classroom.
http://www.tryengineering.org/lesson.php

TeachEngineering digital library provides teacher-tested, standards-based engineering content for K-12 teachers to use in science and math classrooms. www.teachengineering.org

Mathematics
Math Challenges/Problems/Puzzles (Minnesota Council of Teachers of Mathematics)
Links to online math problems for middle and high schoolers.
TeST Online Career Resources

www.mctm.org/challenges.php

**Math Resources** (Minnesota Council of Teachers of Mathematics)
Comprehensive math forum, math archive, college-level mathematics information servers, and other resources.  [www.mctm.org/compsites.php](http://www.mctm.org/compsites.php)

**Math and Science Gateway** (Cornell University)
Topic-specific education resources for grades 9-12.
[www.tc.cornell.edu/Services/Education/Gateways/Math_and_Science](http://www.tc.cornell.edu/Services/Education/Gateways/Math_and_Science)

**Sciences**

**Educator Features and Articles** (NASA)
Teaching materials and classroom aides for instructors of grades K-4, 5-8, 9-12 and higher education.
[www.nasa.gov/audience/foreducators/index.html](http://www.nasa.gov/audience/foreducators/index.html)

**Education Section** (National Geographic)
Classroom lessons and activities, news and multimedia resources.
[www.nationalgeographic.com/education](http://www.nationalgeographic.com/education)

**Kinetic City**
An interactive kid’s website sponsored by the American Association for the Advancement of Science (AAAS)

**Mad Sci Network**
FAQs for common science fair topics, Web resources and answers from Ask-a-Scientist.[www.madsci.org](http://www.madsci.org)

**National Geographic Kids**
Find animal facts, videos, games, blogs and other geography activities.
[http://kids.nationalgeographic.com](http://kids.nationalgeographic.com)

**NASA for Students**
The space administration has interactive games, podcasts, information about upcoming events and programs, research tools for school assignments, and images from deep space.
[www.nasa.gov/audience/forstudents/index.html](http://www.nasa.gov/audience/forstudents/index.html)

**Newton's Apple Teacher Guides** (PBS)
Science-related class activities listed by topic.
[www.newtonsapple.tv/TeacherGuides_alphabet.php](http://www.newtonsapple.tv/TeacherGuides_alphabet.php)

**Resources for Teaching and Learning Biology** (American Institute of Biological Sciences)
Support for teaching General Biology, Nature of Science, Evolution and Science Inquiry for grades K-4, 5-8 and 9-12.
[www.aibs.org/education/teaching_resources.html](http://www.aibs.org/education/teaching_resources.html)