ProjectEngin

Engineering and Design Resources for Students

American Society of Engineering Education (ASEE) Engineering Go For It! site. Magazine, links to info about different fields, features with engineers and engineering students.

http://www.egfi-k12.org/

Design Squad website

http://pbskids.org/designsquad/

IEEE and IBM Try Engineering website (Explore Engineering Link)

http://tryengineering.org/explore-engineering

Game links

http://tryengineering.org/play-games

BrainPop Engineering and Technology site

https://www.brainpop.com/technology/

DiscoverE Reasons to Love Engineering

http://www.discovere.org/discover-engineering/10-reasons-to-love-engineering

National Academy of Engineering site aimed at girls in grades 6-9

http://www.engineergirl.org/

NBC Learn – Great videos about science, technology, and engineering. The ones on sports are excellent.

http://www.nbclearn.com/portal/site/learn/resources

PBS Learning site featuring videos, info on engineering

http://www.pbslearningmedia.org/search/?q=&selected_facets=supplemental_curriculum_hierarchy_nodes%3A269&selected_facets=grades_exact%3A6&selected_facets=

Exploratorium Website – so much cool stuff!

http://www.exploratorium.edu/explore

How Stuff Works – Engineering

http://science.howstuffworks.com/engineering-channel.htm

NASA's student page

http://www.nasa.gov/audience/forstudents/index.html

Biomimicry – Ask Nature.org   The site for all kinds of great information on design in nature

http://www.asknature.org/

AutoDesk 3D Design Software apps – most are free for students; run on iOS, Android, Google Play, some on Chrome. Highly recommend TinkerCad

http://www.123dapp.com/create

3D Design software apps for Chrome

Design Something

3D Tin (design by using cubes, geometric shapes)

Google **SketchUp** is available as a download