

Notes from ITEEA STEM Talk
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Websites that Have Great STEM Digital Content

Crash Course: You Tube Videos that describe/explain tons of different topics in a FUN kid-friendly way (anatomy, biology, chemistry, ecology, engineering, etc.)

<https://thecrashcourse.com>

NASA STEM Resources (space science, engineering, math)

<https://www.nasa.gov/stem/forstudents/9-12/index.html>

Shedd Aquarium's Sea Curious Videos

<https://www.sheddaquarium.org/sea-curious>

Smithsonian Institution

FUN for kids of all ages (history, art, science, activities and games, too)

<https://www.si.edu/kids/>

NASA's Jet Propulsion Lab – Engineering in the Classroom

For K – 12 (different grade levels have different topics but include Mars Rover, Space communication, Landing on different planets, etc.)

<https://www.jpl.nasa.gov/edu/teach/resources/engineering-in-the-classroom.php>

Museums to Visit Virtually

<https://www.tripsavvy.com/childrens-museums-virtual-visit-4800065>

Experiments To do at Home

Bill Nye the Science Guy <https://billnye.com/home-demos>

Emily's Wonder Lab (on Netflix)

Science! Kids on PBS <https://www.pbs.org/show/science-kids/>

Steve Spangler Science <https://www.stevespanglerscience.com/lab/categories/experiments/at-home-science/>

Podcasts

Solve It! for Kids <https://solveitforkids.com/>

The science podcast for curious & creative kids and their families.

Peek into the world of real-life scientists, engineers, and experts as they solve problems in their every day jobs. Twitter and Instagram @kidssolve

Brains On! <https://www.brainson.org/>

Tumble Science Podcast for Kids <https://www.sciencepodcastforkids.com/>

List of Science Podcasts for Kids <https://about.radiopublic.com/2019/06/05/science-podcasts-for-kids/>

STEM Everyday Podcast

Chris Woods, a High School Math Teacher who is passionate about STEM

His podcasts include interviews with teachers, STEM authors, and lots of daily STEM tips.

www.dailystem.com

@dailystem on Twitter

Suggested Websites/Books where you can get information about STEM nonfiction books

STEM Tuesday <https://fromthemixedupfiles.com/stem-tuesday/>

STEM books ENGAGE. EXCITE. and INSPIRE! Join us each week as a group of dedicated STEM authors highlight FUN topics, interesting resources, and make real-life connections to STEM in ways that may surprise you. #STEMRocks!

STEAMTeamBooks <http://www.steamteambooks.com/>

STEAM-related books bring the spirit of inquiry, discovery, and creative problem-solving to your learners while engaging them in rich literacy experiences.

Nonfiction Minute.com <http://www.nonfictionminute.com/>

Basically, a “sound byte” of knowledge about a point in history, science, a biography, or event, or a bit of trivia

Classroom Bookshelf.com <http://classroombookshelf.blogspot.com/>

Our goal is to identify books that can be used in K-8 classrooms in a variety of ways.

All of my STEM books that have FREE teacher guides can be downloaded online at

<http://jenniferswansonbooks.com/>

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