Enrichment Resources
Grades 6-8

Any button below links directly to the page containing the specified type of enrichment resources.

- Logical Reasoning
- Creative Thinking
- Research/Exploration
- Language Arts
- Math
- Science
- Social Studies
- The Arts

Photo by Caleb Jones on Unsplash
Try your hand at the New York Times’ daily SET puzzles. How many sets can you find?

Breakout EDU has put together a collection of digital breakout games that may be played at home. Choose from a list of age appropriate games and put on your thinking cap. Just as in real-life escape rooms, it’s essential players make careful observations and put clues together to draw logical conclusions.

Tackle or compete in solving a wide variety of puzzle types. Puzzles available here or via Puzzle Baron’s apps.

Logical Reasoning

Photo by Gabriel Crismariu on Unsplash
Explore character and ride development with Disney and Khan Academy as you design your own theme park.

Creativity and mathematics collide as you explore filmmaking and animation with Pixar and Khan Academy.

Choose to finish a comic, create your own, tackle a creative writing prompt, or engage in a number of special activities presented by creative mind and author, Jarrett Lerner.

Join creative minds across the globe in recreating Getty artworks—using only everyday household items.

Design a city in the sky, underground civilization, drone delivery system, arcade game, and more. Check out John Spencer’s Maker Challenges.
Have a rainy or otherwise dull day? Consider a Wonder Day project. John Spencer guides you through investigating questions you probably won’t answer in school.

Download the Google Expeditions app and explore the world through virtual and augmented reality.

Research/Exploration

TED is a non-profit focused on spreading ideas through short talks given by people in all disciplines and from all cultures. Consider joining students all over the world by producing your own talk with “ideas worth spreading”.

Tour famous museums around the world from your own home.

Photo by Andreas Chu on Unsplash
Bellows College

Learn a language—for free. Play games, earn points, and start new levels as you master vocabulary and skills.

duolingo

Tell the Story

Check out these creative writing prompts from John Spencer. The various video prompts will make you think.

The NYT Learning Network challenges you to become more aware of the world, explore sophisticated non-fiction, and write for an audience. Join this contest, and you may see your thoughts published. Unlimited articles are available to students on any device for $1 a week.

TELL THE STORY

Teach the story

Learn how to create book spine poetry—not poetry you write, but poetry you find. Read this post by Marquette University staff member Lisa Mazzie and consider creating your own.

Reading/Language Arts

Photo by Aaron Burden on Unsplash
Erich Friedman, retired Math professor, shares a unique “Math Magic” problem each month. Browse the archives, current and dating back more than 20 years.

Wolfram/Alpha presents famous math problems, solved and unsolved. Some theories were disproven after hundreds of years, and some remain unsolved. Enjoy exploring these problems.

Explore math problem-solving tasks, many of them brainteasers, by grade level. All necessary resources and instructions are provided.

Figure This!, sponsored by the NSF and US DOE, provides math challenges that include real-world connections, hints, solutions, questions to think about, and further resources. How many can you solve?

Check in each week for a new puzzle to challenge your mathematical reasoning. These are sure to make you think. All solutions are provided and explained.

Photo by Matt Artz on Unsplash
Engage in a 30-day science challenge and explore the world around you. Can you find, observe, or investigate the 30 items provided on this NGSS Phenomena site?

It's Okay to be Smart is a YouTube channel of “really cool” science videos and is hosted by Joe Hanson. View hundreds of videos on a wide variety of science topics, including those within biology, food science, astronomy, physics, earth science, ecology, and more.

Science Journal for Kids provides hundreds of scientific articles that are peer-reviewed and adapted for kids. Filter articles by reading level and scientific field. There’s much to explore.

Engage with articles, videos, and hands-on simulations and activities in biology, ecology, earth science, geography, physical geography, or social studies. Search resources by grade level and content area.

View NASA video clips to learn more about astronomy and earth science topics, focused on the real-world mathematics that’s involved.

Photo by Jeremy Thomas on Unsplash
Check out these games created for middle and high school students. Run a law firm and test your knowledge of constitutional rights, prepare to vote, or run your own presidential campaign. Or, consider fighting hidden ads, viral deception, and false reporting as a NewsFeed Defender.

You may not yet be old enough to vote, but that doesn’t mean you don’t have opinions on national issues. What do you want to tell the rest of the country about issues that will affect your future? Consider creating and submitting brief commentary in the form of podcast, video, narrated slideshow, or original animation.

Explore the UN Sustainable Development Goals created in partnership with Unicef. Consider one or more of the student actions provided on topics such as poverty, economic growth, education, or equality.

Social Studies

Photo by Woubishet Z. Taffese on Unsplash
Explore highlighted art collections, by category, or by time and color. Scroll to the bottom to view popular topics. Parental guidance is recommended.

The Art Assignment is a PBS video series that introduces you to innovative artists, gives you assignments, and explores art history through the lens of the present. Browse assignments. Then, watch the videos and complete the assignments that interest you.

Create your own music with Google Chrome’s Music Lab. Add notes by clicking a grid and share songs with a link. Experiment with different instruments, tempos, scales, and ranges.

Pro Audio Essentials is a game-based course for music producers to practice and improve audio skills. Explore equalization, compression, and digital audio basics.

Read about several photo competitions major companies provide for children. Basic information and links are provided.

Photo by Spencer Imbrock on Unsplash