

MIDDLE SCHOOL RESOURCES

MS Math

Edmentum/ExactPath- Middle school students can continue working on individual Math Learning Paths through the Edmentum/ExactPath program. Students can access their individual accounts through the district website and Clever Portal.

www.classzone.com Online learning resource to review and practice concepts in Middle School Mathematics. On the home page: Select Middle School Math; Pennsylvania; GO

- Choose the book with the Skateboarder on it (McDougal Littell Math Course 1) for sixth grade.
- Choose the book with the Basketball Players on it (McDougal Littell Math Course 2) for Seventh Grade.
- Choose the book with the Baseball Players on it (McDougal Littell Math Course 3) for eighth grade.

www.greatminds.org Great Minds is an online resource specific to our Eureka Math Series. Check out the Module Homework Help and search the *YouTube* Videos for each lesson.

<https://www.mobymax.com> MobyMax includes a variety of remediation and enrichment activities. Once students log-in, they will have free access to the different activities.

<https://www.insidemathematics.org/common-core-resources> -Inside Mathematics allows students to explore videos, problems, and tasks aligned to the Common Core standards that you can use immediately with your children.

[Ask Dr. Math](#) Ask Dr. Math, is a question and answer service for math students, parents, and teachers. A searchable archive is available by level and topic, as well as summaries of Frequently Asked Questions (the Dr. Math FAQ).

<https://www.khanacademy.org/> - Khan Academy is a non-profit educational organization created in 2008 by Salman Khan with the goal of creating a set of online tools that help educate students. The organization produces short lessons in the form of videos. Its website also includes supplementary practice exercises and materials for educators.

<https://www.mathplayground.com> - Math Playground is an action-packed site for elementary and middle school students. Students are engaged in playing math games, solving logic puzzles, and much more.

<https://learnzillion.com> Learn Zillion is a learning platform that combines video lessons, assessments, and progress reporting. Each lesson highlights a Common Core standard.

<https://www.math-aids.com/> - This resource allows you to create worksheets of various math concepts and also creates answer sheets so all work can be checked.

<http://www.mathgametime.com> - Math Game Time, free games, worksheets, and videos provide students with multiple practice opportunities. While some of the free videos and games, such as those featuring a teacher in a chicken suit, may seem downright silly, the unique scenarios make building these difficult skills fun and help them to see them in a variety of ways.

<http://www.math-play.com/Algebra-Math-Games.html> On this website you will find different interactive games that will help you practice important math skills.

MS English Language Arts

Edmentum/ExactPath- Students grades 6th-8th can continue working on individual Reading and/or Language Arts Learning Paths. Students can access their individual accounts through the district website and Clever Portal.

Read Independently- (recommended 20 min a day)- Students are encouraged to use the following strategies to assist with comprehension and understanding. Reflect by identifying new/strong vocabulary words, make predictions as you read, and make connections to your own life.

Watch an age-appropriate movie of your choice and think about the following: Identify the protagonist and the antagonist, identify the inciting incident, climax, and resolution of the movie, Identify the setting of the movie and how the setting impacts the plot. Finally, identify the moral/theme of the movie.

Read a newspaper/magazine/reputable online article and consider the following: What are three aspects that prove that the article is nonfiction, identify one fact and one opinion from the article, was the article narrative, persuasive, or expository?

MS Science

Science Reading

<https://www.tweentribune.com/> Smithsonian Tween Tribune: Current and engaging science articles for readers of all ages. Includes article quizzes and the ability to change reading levels (Lexile Score). Grade: K-12 Science Content:

<https://newsela.com/signin> A great resource for articles in all content areas including science. This site requires students to sign in. They can sign in using their Clever ID, which is the student's ID number (user name), and birthday (password). Grade: K-12 Science

<https://www.sciencenewsforstudents.org/> Science News for Students: Science articles that now include free resources for kids learning at home. It also provides helpful tips on how to use the resources for both kids and parents. Grade: K-12 Science

Science Websites

<https://kids.nationalgeographic.com/> NatGeo Kids: Uses videos, games, and interactives to teach kids about living things. Grade: K-6 Science

<https://phet.colorado.edu/en/simulations/category/new> Phet Interactive Simulations: True to their name, Phet offers interactives and simulations for science students of all ages They are high quality and challenge students ability to reason and problem solve. Grade: K-12 Science

<https://www.learner.org/subject/science/> Annenberg Learner: A host of immersive simulations and activities for a range of content areas. Combines videos, readings, and interactives to promote inquiry based learning. Grade: K-12 Science

<http://www.sciencekids.co.nz/> Science Kids teaches kids about science through experimentation, fun facts, games, and a variety of other resources. The site is easy to navigate for kids and can be sorted by science topic. Grade: K-12 Science

Science YouTube Channels

<https://www.youtube.com/user/TEDEducation> TED-Ed: A variety of informative videos and speeches about science and other disciplines. The videos are short and focus on a specific question, event, or phenomenon. Grade: K-12 Science

<https://www.pbs.org/show/science-kids/> PBS Science Kids: In this show, students learn about science through experimentation and inquiry. The hosts explore science with their audience and perform experiments that can be done at home.

https://www.youtube.com/channel/UCII9X_DCYiUtz82scaHNQw Today I Learned: Obscure and amazing things about the world told in 2-minute clips. These resources keep kids interested in the natural world. Grade: K-12 Science

<https://www.youtube.com/channel/UCH4BNI0-FOK2dMXoFtViWHw> It's Okay to be Smart: Have you ever had a science question like "How can an igloo keep you warm?" Those are the types of questions answered on It's okay to be smart. Kids love to learn and share the content of these videos Grade: K-12 Science

<https://www.nasa.gov/stem/forstudents/5-8/index.html> - NASA Grades 5-8 science resources from NASA. This site is full of activities and opportunities suggested by NASA STEM experts.

<https://www.dcnr.pa.gov/Education/Pages/default.aspx> The Pennsylvania Department of Conservation and Natural Resources offers an abundance of different materials that cross several disciplines. In addition, the site provides all kinds of information on accessing Pennsylvania's forest and parks.

<https://classroommagazines.scholastic.com/support/learnathome.html> - Scholastic Magazine Even when schools are closed, you can keep the learning going with these special cross-curricular journeys. Every day includes four separate learning experiences, each built around a

thrilling, meaningful story or video. Kids can do them on their own, with their families, or with their teachers. Just find your grade level and let the learning begin!

MS Social Studies

<https://kids.britannica.com> In Britannica's safe and trusted environment, you can let your kids' curiosity run wild. As they embark on an adventure to uncover dinosaurs, learn how airplanes fly, or explore the creatures of the ocean, they'll learn more than you ever thought possible!

www.Seterra.com Seterra includes fun quizzes that help familiarize you with countries, capital cities, flags, rivers, lakes, and notable geological features.

<https://www.kids-world-travel-guide.com> Pick a couple of countries to explore! Make a postcard to send back to a friend. On your postcard consider the following: The date of your travel and what the weather was like, a picture, and a description of a place you visited.

<https://kids.nationalgeographic.com> Find amazing facts about animals, science, history and geography, along with fun competitions, games and more.

American Revolution- The resources listed below provide a review of the major events that happened during the American Revolution.

<https://www.history.com/topics/american-revolution>

https://www.nationalgeographic.org/topics/resource-library-american-revolution/?q=&page=1&per_page=25

<https://www.teacherplanet.com/content/american-revolution>

American Revolutionary War- The links listed below provide a great resource for students to review some of the major battles fought during the American Revolutionary War.

<https://www.history.com/topics/american-revolution/american-revolution-history>

<https://video.search.yahoo.com/search/video?fr=mcafee&p=american+revolutionary+war#id=1&vid=e6d835815d989fc2f4e56ff3de9582c3&action=click>

<https://www.ushistory.org/declaration/revwartimeline.html>

<https://www.battlefields.org/learn/revolutionary-war>

<https://www.battlefields.org/learn/articles/overview-american-revolutionary-war>

<https://www.battlefields.org/learn/revolutionary-war/battles/bunker-hill>

<https://www.mountvernon.org/george-washington/the-revolutionary-war/ten-facts-about-the-revolutionary-war/>

<https://kids.britannica.com/kids/article/Valley-Forge/602769>

MS World Language

<https://www.duolingo.com> Choose Spanish language. Follow the instructions to create a profile so you can monitor your progress. Choose the categories you would like to learn more about.

www.studyspanish.com- Practice pronunciation, grammar, vocabulary and verb drills.

Watch your favorite movie in Spanish! Netflix, Hulu, Disney+ Amazon Prime and other online streaming services all have the option to change the language of a film to Spanish!

Listen to Latin music! Go on Spotify or Amazon Prime to listen to different types of Hispanic, Latin and Spanish music!

Middle School STEM Resources

The following websites are not independent resources. Each website contains live links to multiple activities, other websites, lessons, virtual tours, laboratory investigations, and measurement applications. Part of STEAM education is learning how to research and navigate online forums. The sooner students learn to harness the power of searching for meaningful information in a sea of online content, the sooner students gain access to an essential life skill.

<https://www.extension.iastate.edu/clayton/sites/www.extension.iastate.edu/files/clayton/QuickandcheapSTEMactivities.pdf>

<https://www.benandme.com/stem-activities-for-middle-school/>

<http://stem-works.com/activities>

<https://www.teachengineering.org/>

<https://www.mastersindatascience.org/blog/the-ultimate-stem-guide-for-kids-239-cool-sites-about-science-technology-engineering-and-math/>

<https://www.fromengineertosahm.com/15-middle-school-stem-projects/>

<https://www.waterford.org/resources/national-stem-day-activities/>

<https://www.nationalgeographic.org/education/>

<https://www.projectpals.com/project-based-learning-blog/17-examples-of-stem-project-based-learning-activities>

<https://www.jpl.nasa.gov/edu/teach/tag/type/Problem+Set>

<https://smile.oregonstate.edu/view-lessons>

<http://www.nea.org/tools/lessons/stem-resources.html>

Brain Breaks

<https://family.gonoodle.com> Keep Moving with GoNoodle- GoNoodle is free to parents and kids! Get moving with videos, mindfulness activities, and more engaging videos for kids!

Additional Resources

*Below are links to additional resources to support talking to children about the Coronavirus.

<https://childmind.org/article/supporting-kids-during-the-covid-19-crisis> Supporting Kids During the COVID-19 Crisis: Tips for nurturing and protecting children at home

<https://childmind.org/article/how-to-avoid-passing-anxiety-on-to-your-kids> How to Avoid Passing Anxiety on to Your Kids

<https://www.facebook.com/watch/?v=201670141106110> Video Talking to Kids About the Coronavirus