

Spectrum Approved Websites for the Academic Classroom

FREE

Arts Edge

<http://artsedge.kennedy-center.org/educators.aspx>

- Lesson plans and how-to's for art
- Also includes articles and resources for parents and students
- Includes descriptions for each art related standard (K-12)

Bruce's Unusual Typing Wizard- found on the student's virtual desktop

- Typing tutor to learn and practice typing. It is designed to accommodate both beginners and experienced typists who are looking to gain speed or accuracy. A game is also included, in order to help practice unusual letter combinations.

Bucket Fillers 101

<http://bucketfillers101.com/free-resources.php>

- Student resources and worksheets to support implementation of the "bucket filler" program which promotes a positive classroom and school climate

CNN Student News

<http://www.cnn.com/studentnews>

- News for middle and high school levels
- Includes videos, podcasts, live CNN TV streaming, articles, TV shows, etc.

Cool Math

<http://www.coolmath.com/>

- Middle school through high school
- Self-guided math lessons for pre-algebra, algebra, and pre-calculus
- Numbers are color-coded for clearer instruction
- Includes many topics and also has answers to frequent issues or struggles within topics

Dance Mat Typing

<http://www.bbc.co.uk/guides/z3c6tfr#zgkpn39>

- Learning to type made into a game

Discovery

<http://www.discovery.com/>

- (From the Discovery TV channel) the NEWS tab includes many articles related to the earth, psychology, and other topics similar to those on the discovery channel

Discovery Education

<http://streaming.discoveryeducation.com/>

- Resources for students and teachers K-12 (by discovery channel)
 - Teachers-lesson plans in many subjects (math, social studies, science, english, health, etc.), puzzle maker, and more
 - Students/Parents- Homework help, WebMath

Econ Ed Link

<http://econedlink.org/>

- Economics and personal finance resources for students K-12
- Includes lessons for the classroom (most of which include a teacher and student version)
- Ability to monitor student work

Edsitement

<http://edsitement.neh.gov/>

- K-12 Humanities lesson plans and worksheets

Education World

<http://www.educationworld.com/>

- A site for teachers with articles relating to education, the profession of teaching, and the classroom
- Includes lesson plans and resources for the classroom (5 minute lessons, tools and templates, holiday lessons, worksheets, lesson of the day, etc.)

Enchanted Learning

<http://www.enchantedlearning.com/Home.html>

- Click on the Free samples tab at the top- Teacher Resources
- Many printable pages for younger students, but also includes short articles for students through 12th grade on various topics (biology, music, physical science, etc.)
- Includes: simple books, coloring pages, life cycle cards, word wheels, etc.

Eploratorium

<http://www.exploratorium.edu/explore/activities>

- Science based articles and activities for students who are skilled readers

Gonoodle

<https://www.gonoodle.com/>

- “Brain breaks” to get your kids interacting, moving, and refocused
- Under 5 minute videos (to do together as a class typically) with activities for all parts of the day such as: wake up, release energy, calm down, etc.
- Some are even aligned with Core standards

Gooru

<http://www.goorulearning.org/#home>

- Mini- lessons (videos, text, interactive materials, images) and short quizzes added by teachers about specific subject matter/common core standards
- Teachers can create an account and allow students to enter a code to access relevant material
- Teachers can assess progress and engagement and intervene in real time
- Material for all grades

Illuminations

<http://illuminations.nctm.org/>

- Resources for teaching math to students pre-k through 12
- Lessons and activities are aligned with (and searchable by) standards
- Includes: lesson plans, games, and apps

Khan Academy

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

- Students can watch videos and work through sample problems for many different subjects
- Subjects include: math, science, computer programming, history, art history, economics, and more
- Kindergarten through high school; content in 36 different languages
- Parents and teachers can also create accounts and monitor the progress of their students

Kids Know It

<http://kidsknowit.com/>

- Free educational games, movies, classroom posters, music, and common-core aligned worksheets
- Includes subjects: math, biology, astronomy, spelling, geology, animals, chemistry, geography, etc.

Kids Science Challenge

<http://www.kidsciencechallenge.com/index.php>

- Nationwide science challenges for students 3-6th grade (3-4 challenges per year)
- Also includes games, lesson plans, science fair ideas, activities, etc.

Learn Zillion

<https://learnzillion.com/>

- Provides lesson videos for teachers and students to watch online
- These videos are aligned to Common Core, and most standards have several videos available for teachers and students to use

Math Magician

<http://oswego.org/ocsd-web/games/mathmagician/cathymath.html>

- Students practice timed math facts (20-100 questions) using addition, subtraction, multiplication, and division. Their scores are tallied and at the end of their times session they receive the percentage they got correct
- There are 2 levels of difficulty for each operation, and also timed quizzes of mixed operations

National Geographic

<http://www.nationalgeographic.com/>

- Students can read articles and watch videos about news related to history and the earth

Newsela

<https://newsela.com/>

- Grades 3-12 News articles for students to read
- Each article has the option of being read from 5 different difficulty levels, and even in Spanish so the entire class can read the same article at their own level
- Also has the option for students to take a quiz after, or answer open- ended questions that are personalized by the teacher
- Teacher can track progress and quizzes are common-core aligned

PBS Math Games

<http://pbskids.org/games/math/>

- Many math games for students; Includes many levels and activities from counting to measurements
- Games are based off of characters that many students may recognize such as Curious George, Cat in the Hat, Sesame Street, and Clifford

PBS Vocabulary Games

<http://pbskids.org/games/vocabulary/>

- Same as the previous website (PBS math) but the games are focused on vocabulary. Even includes games to learn Spanish

Physical Education- Coach Pirillo

<https://www.youtube.com/user/gepetto652>

- Great for indoor phys. ed. activities, or motor activities for a quick break

Ptable

<http://ptable.com/>

- Periodic table of elements with descriptions of each element

Read Write Think

<http://www.readwritethink.org/>

- Lessons, theme units, printouts, and activities for parents and teachers of students K-12 to stimulate growth in reading and language arts. Aligned with Common Core standards

Science Net Links

<http://sciencenetlinks.com/>

- Science lessons and tools for K-12
- Includes daily science facts and news updates in the science community
- Can search through themes (earth science, chemistry, biology, etc.), grade, and content
- Also includes “collections” which provide many resources (lessons, experiments, and activities) on a topic
 - Within each collection, you can access material for all grade levels

Smithsonian’s History Explorer

<http://historyexplorer.si.edu/home/>

- K-12 history lessons and activities

- Many are aligned with standards (can search for activities for specific eras/standards)

Spark Notes

<http://www.sparknotes.com/>

- Summaries of many topics for students (books, science, math, sociology, etc.)
- For older students who are skilled readers
- Also includes test prep resources

Spelling City

<http://www.spellingcity.com/>

- Students can enter their spelling words, and be given a verbal test, as well as an explanation of wrong answers
- Also has games focusing on different parts of words and spelling (initial sounds, final sounds, phonological awareness, etc.)

Teacher Tube

<http://www.teachertube.com/>

- Similar to YouTube, but all material is education based with resources for parents, teachers, and students
- Also includes education based audios, documents, and photos

Typing Web

<https://www.typing.com/>

- Students learn to type with games and activities that are aligned with Common Core writing standards
- Teachers can monitor student's progress in real time. They can also grade work by accessing data reports

Wonderopolis

<http://wonderopolis.org/>

- This website is filled with "wonders" (interesting and informational questions) asked by students, and then answered with text, videos, and pictures
- There is also a vocabulary word bank at the end of every article
- There is a "wonder of the day" and a space where students can ask their own "wonders" and vote on other questions that they find interesting

PAID SUBSCRIPTION/FEES

Classroom usage depends on paid access by school

Accelerated Reader

<http://www.renaissance.com/products/accelerated-reader>

- Students chose a (hard-copy) book to read from a list, and then can go online and take quizzes about their reading and earn badges and reinforcements
- Must have access to a public or school library

Brain Pop

<https://www.brainpop.com/>

- Movies, quizzes, games, mobile apps, experiments, activity pages, and much more covering hundreds of topics within Math, Science, Social Studies, English, Technology, Arts & Music, and Health
- All content is aligned to and searchable by state standards

Math Seeds

<http://mathseeds.com/>

- The math version of Reading Eggs- grades K-6
- Aligns with core math and problem solving skills needed to be successful at school with fun, highly interactive and rewarding lessons.

OdysseyWare

<https://www.odysseyware.com/>

- High School level online platform for students to earn course credits
- Includes videos, guided and close reading modeling, writing assistance, virtual laboratories, games, and assessments
- Includes foreign language courses
- Teachers can use material to create courses and add custom made materials. They are aligned with state standards and sequences
- Teachers can have their entire course calendar on the websites along with flagged assignments showing which are graded and which need to be. Teachers can also run detailed reports on student progress

Reading Eggs

<http://readingeggs.com/>

- Ages 3-7
- Children play games and earn prizes while learning grammar, phonics, and how to read

Reading Eggspress

<http://readingeggspress.com/>

- Continuation of reading eggs for older children. Ages 7-13
- Students have access to online books, both fiction and non-fiction

STAR (renaissance learning)

<http://www.renaissance.com/products/star-assessments>

- Assessments which are computer based (K-12) in academic classrooms to determine how to best prepare students to achieve better grades on Smarter Balanced exams
- Allows educators to screen and group students for targeted instruction, measure student growth, predict performance on Smarter Balanced exams, and monitor achievement on Common Core State Standards
- STAR custom allows educators to create IEP goals based on targeted areas of instruction
- Immediate data is available for view by student, teachers, administrators, and regional
- Includes a “what’s next” button which leads educators to numerous core-aligned tools to help teach standards.

Study Island

<http://www.studyisland.com/>

- Students navigate through lessons and test sessions which are fun and engaging. Quick 10 second games are used as reinforcement as the students go along. Students also earn blue ribbons which they tend to feel very proud of.
- Each question has immediate feedback and explanations for incorrect answers
- The site is personalized by state so that the state standards exactly match up with what they are teaching on the site
- Teachers can access many reports of the student’s progress

Unique Learning System/News2You (used in the Functional Skills and Functional Academic Classrooms)

<https://www.n2y.com/products/unique>

- User name: sberman@spectrumschools.com password: Teacher1
- All schools have access to this website
- Used mostly in functional skills classrooms, but could also be used for students in academic classrooms who need visual supports. ULS lessons set for High School/Transition levels