

ANNOTATED LIST OF FREE ONLINE TEACHING RESOURCES

(Teachers should carefully review before using in their classrooms.)

Compiled by

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1. The Library of Congress: <http://www.loc.gov/teachers/>

- a. The Library of Congress offers classroom materials and professional development to help teachers effectively use primary sources from the Library's vast digital collections in their teaching.
- b. Find Library of Congress lesson plans and more that meet Common Core standards, state content standards, and the standards of national organizations.

2. The Federal Registry for Educational Excellence: <http://free.ed.gov>

a. Browse by Subject

- ▶[Arts & Music](#)(2,028)
- ▶[Health & Phys Ed](#)(138)
- ▶[Language Arts](#)(896)
- ▶[Math](#)(4,298)
- ▶[Science](#)(62,262)
- ▶[U.S. History Topics](#)(11,587)
- ▶[U.S. Time Periods](#)(988)
- ▶[World Studies](#)(981)

b. Browse by Standard

- ▶[Common Core Mathematics](#)(521)
- ▶[Geography Education Standards](#)(279)
- ▶[Science Education Standards](#)(4,932)

c. Featured Resources, example provided below:

Pythagoras' Theorem: Problems in Context

Source: University of Plymouth. Centre for Innovation in Mathematics Teaching

- d. Tweets – Examples provided below:

July 15 is Rembrandt's birthday, born in 1606. Find information on this Dutch Master on FREE at:

<http://free1.ed.gov/searchres.cfm?q=Rembrandt&sa.x=24&sa.y=8&sa=submit>

On July 12, 1862, the Congress established the Medal of Honor. See FREE for more on the medal: <http://free1.ed.gov/searchres.cfm>

3. Ohio Department of Education: ODE: <http://education.ohio.gov/>

- a. Select menu of resources by Group, Topic, How Do I?, Media Releases, etc.:
b. Groups:

Administrators
Teachers
Parents
Community

- c. Topics:

Academic Content Standards
Career Tech
Data
Early Learning
Finance & Funding
Race-to-the-Top
Report Card
School Choice
School Improvement
Special Education
Teaching
Testing
Other Resources

- d. For example, under Academic Content Standards/ Mathematics, you can access Information on the College and Career Ready (Common Core) Standards.

- Mathematics Website
- Mathematics Standards in PDF

- [Mathematics Appendix A: Designing High School Mathematics Courses](#)
 - [Ohio Pre-Kindergarten Content Standards](#)
- e. For example, under [Data](#), you may access the [Data Tools Portal](#), which itself provides a menu with a wide variety of resources, such as:
- [Ages and Stages Questionnaire: Social Emotional](#)
 - [Battelle for Kids - Ohio Student Progress Portal](#)
 - [Career-Technical Education \(CTE\) Program Matrix](#)
 - [SUCCESS](#)
 - [Surveys of Enacted Curriculum \(SEC\)](#)
 - [Value-Added](#)
- f. For example, [Success](#), will help you understand what students should know and be able to do by the end of each grade.
- g. Quick links:

[New Learning Standards](#)

This web page contains the standards and model curriculum by subject and grade level.

[Common Core State Standards FAQs](#)

Frequently asked questions about the Common Core State Standards for English Language Arts and Literacy, History and Social Studies, Science, and Technical Subjects.

[Common Core State Standards and PARCC Resources](#)

A list of resources compiled to assist states, districts, and schools with the implementation of the Common Core State Standards.

- h. Personal Comment from Twin Oak Elementary Teacher:
Regarding the ODE web site, Heidi Craigo commented that she “printed off some very helpful information for math centers that support the common core in math. specifically in number sense. . . ODE is always going to be a good bet because whatever you get there will support the common core.”
- 4. Ohio Schools Boards Association (OSBA): <http://www.ohioschoolboards.org/>**
- a. Your school’s SALT (OSBA [Student Achievement Leadership Team](#) liaison) receives monthly *SUCCESS* newsletters. These include great articles. Ask your district’s SALT liaison to share these newsletters at board meetings and/or on your school’s website.

- b. The following is an example: “*Lowering education’s cost through free or open source tech*” by Arthur Beltran, July 17, 2013:
<http://www.eschoolnews.com/2013/07/17/lowering-educations-cost-through-free-or-open-source-tech/3/>
- ▶ Free or Open Source Software (FOSS) applications are free–free to redistribute and free to modify.
 - ▶ Findings suggest that implementing FOSS technologies alleviates the cost and the unequal access to technology.
 - ▶ The nonrestrictive licenses encourage teachers to share their FOSS lesson packages or materials with colleagues and the teaching community to further modify and improve.
 - ▶ Being an active learner of free or open source software could improve decision making skills on choosing software.
 - ▶ Free or open source software could free schools and students from a heavy dependency on commercial software.
- c. The following Common Core web resources are provided under the “Common Core” menu link: <http://www.ohioschoolboards.org/common-core>
- ▶ Battelle for Kids: [Human Resources’ Role in the Successful Implementation of the Common Core State Standards](#)
A document that highlights 5 strategies for HR professionals to be more involved in the Common Core transition
 - ▶ Center for Public Education: [Understanding-the-Common-Core](#)
A clearinghouse of information and documents on the Common Core
 - ▶ CCSSO (Council of Chief State School Officers): www.corestandards.org
Official website for the Common Core documents
<http://www.ccsso.org/Resources.html>
CCSSO resources page
 - ▶ Center on Instruction: <http://www.centeroninstruction.org/>
A collection of scientifically based resources on instruction
 - ▶ Great Lakes East Comprehensive Center: www.learningpt.org/greatlakeseast/
This center works with Ohio providing technical assistance designed to raise the capacity of meeting the goals of the Elementary and Secondary Education Act (ESEA)
 - ▶ Hunt Institute:
<http://www.youtube.com/playlist?list=PLD7F4C7DE7CB3D2E6>
YouTube videos on the Common Core State Standards for Mathematics
 - ▶ Illustrative Mathematics (McCallum): <http://www.illustrativemathematics.org/>
Illustrative Mathematics provides guidance by illustrating the range and types of mathematical work that students should experience in a faithful implementation of the Common Core State Standards, and by publishing other tools that support implementation of the standards.

- ▶ Learning Progressions (McCallum):
<http://math.arizona.edu/~ime/progressions/>
Narrative documents describing the typical learning progression of a topic, informed by both research on children’s cognitive development and by the logical structure of mathematics
- ▶ PARCC:
<http://www.education.ohio.gov/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&TopicRelationID=1907&ContentID=120301&Content=120301>
Assessment information link on the ODE website
- ▶ PARCC: <http://www.parcconline.org/parcc-content-frameworks>
Direct link to PARCC assessment information
- ▶ Partnership for 21st Century Skills: <http://www.p21.org/tools-and-resources/publications/p21-common-core-toolkit>
- ▶ Teaching Channel: <https://www.teachingchannel.org/>
Teaching Channel is a video showcase -- on the Internet and TV -- of inspiring and effective teaching practices in America's schools.
- ▶ Achieve the Core: <http://www.achievethecore.org/>
This site provides free, high-quality resources to educators now doing the hard work of implementing these higher standards.
- ▶ National PTA – Parents’ Guide to Student Success:
<http://www.pta.org/4446.htm>
The *Parents’ Guide to Student Success* (in English and Spanish) was developed in response to the Common Core State Standards.
- ▶ Doing What Works: <http://dww.ed.gov/>
Their mission is to translate research-based practices into practical tools to improve classroom instruction.

d. Sources for Rich Problems

- ▶ Balanced Assessment
<http://balancedassessment.concord.org>
- ▶ Inside Mathematics
<http://www.insidemathematics.org>
- ▶ MARS Tasks
<http://map.mathshell.org/materials/tasks.php>
- ▶ NCTM Illuminations
<http://illuminations.nctm.org>
- ▶ Ohio Resource Center
www.OhioRC.org

5. Khan Academy: www.khanacademy.org

- a. Khan Academy—an organization on a mission.

- b. A not-for-profit with the goal of changing education for the better by providing a free world-class education for anyone anywhere.
 - c. All of the site's resources are available to anyone—student, teacher, principal, etc.
 - d. How Khan works:
 - ▶ For coaches, parents, and teachers—they have unprecedented visibility into what their students are learning and doing on the Khan Academy.
 - ▶ For example, they have the:
 - Ability to see any student in detail
 - A real-time class report for all students
 - Better intelligence for doing targeted interventions
 - e. Khan Academy's materials and resources are available completely free of charge.
 - ▶ Short videos—10 minutes on a single topic
 - ▶ Informal style—conversational narrative & handwritten notes
 - ▶ Frequent feedback—quizzes promote learning & retention
 - ▶ Deadlines for tests and homework—keep students on track
 - ▶ Study groups—provide learning assistance
 - ▶ Content—over 3,000 videos covering a wide variety of subjects
- 6. We Are Teachers: <http://www.weareteachers.com>**

- a. Provides Ideas, Information, and Inspiration.
- b. The main Menu includes:
 - ▶ Home
 - ▶ Lessons & Resources
 - ▶ Community Blogs
 - ▶ Grants & Contests
 - ▶ Hot Topics
 - ▶ Education Directories
 - ▶ My Binder
- c. You can also search by Subject:
 - ▶ Arts
 - ▶ Assessment
 - ▶ Classroom Management
 - ▶ Early Learning
 - ▶ ELL

- ▶ English Language Arts
 - ▶ Foreign Language
 - ▶ Health/PE
 - ▶ Math
 - ▶ Professional Dev.
 - ▶ Science
 - ▶ Social Emotional Learning
 - ▶ Social Studies
 - ▶ Special Education
 - ▶ Technology
- d. For example, under a Subject Category, you can search by Grade Level, Lessons & Resources—Writing Across the Curriculum & The Professional Teacher
- e. Web site also includes a blog, ***WE are TEACHERS BLOG***, which posts *Teacher Helpline* questions every day on:
- ▶ Where you can tap into the wisdom of 75,000 educators across the country. If you have a question about the upcoming school year, feel free to post it on our wall and we'll see if our fans can help you out.
 - ▶ <https://services.blmessaging.com/201208/viewaswebpage/viewaswebpage.aspx?unqid=85a1c844-18ef-e211-bd25-000c29ac9535>
 - ▶ For example, the week of 7/15-7/19/2013, under Categories & Archives, you can access: “LEGO, Learning and YouTube: How to Do More With What Is Already Happening”
- f. Web site has ***our Facebook page***: <https://www.facebook.com/WeAreTeachers>
- ▶ Lots of ideas, posters, cartoons, links to teaching resources, etc.
 - ▶ You must sign in and provide your birthday and gender .

7. Scholastic: <http://www.scholastic.com/teachers>

- a. Main menu includes:
- ▶ Resources and Tools
 - ▶ Strategies & Ideas
 - ▶ Student Activities
 - ▶ Books & Authors
 - ▶ Products & Services
 - ▶ eStoria
- b. For example, the sub menu under “Resources & Tools” includes:

- ▶ All Resources & Tools
 - ▶ Spotlight on Storia
 - ▶ Daily Starters
 - ▶ Everything You Need for...
 - ▶ Lesson Plans
 - ▶ Planning Calendar
 - ▶ Printables
 - ▶ Mini-Books
 - ▶ Tools
 - ▶ Freebie Corner
 - ▶ Video
 - ▶ Book Clubs Quick Links
 - Book Fairs
 - Classroom & Library ListBuilder
 - Classroom Books
 - Classroom Magazines
 - Guided Reading
 - *Instructor* Magazine
 - Product Information
 - READ 180
 - Teacher Express
- c. Although the pop-up ads may be annoying, there are many good resource ideas. For example, when I searched under “Lesson Plans” for “Mathematics,” there were 594 responses. When I searched for Grade 7 Mathematics,” there were 55 item responses, including “Baseball Math.”
- ▶ Baseball Math:
 - ▶ Grades: 6–8
 - ▶ This learning activity challenges students to compete, using their math skills. Students learn and use probability, converting fractions to decimals through this game.

8. *New Teacher Online Resource:* <http://www.electricteacher.com/newteacher/>

- a. The *New Teacher Online Resource* is aimed at making these first years easier for you. On this page you will find links to many sites beneficial to new teachers.
- b. Menu:
 - ▶ **New Teacher Resources**
 - Inspiring Teachers

- [Teacher Tips For New Teachers](#)
 - [Directory Of Free PD Resources For Teachers](#)
 - [Beginning Teachers At Teachers.net](#)
 - [Positive Parenting](#)
 - [New Teacher Resources - Teaching Methods](#)
 - [Positive Parenting](#)
 - [Ideas and help for new teachers](#)
 - [New Teacher Survival Guide](#)
 - [Education Atlas](#)
 - [Teacher Forums](#)
 - [Scholastic Instructor](#)
 - [The Mailbox](#)
 - [What to Expect Your First Year of Teaching](#)
 - [Teachers.net](#)
 - [Teachers Helping Teachers](#)
 - [The Teacher's Guide to the U.S. Department of Education](#)
 - [New York State Education Department](#)
- **Educational Sites**
- [A to Z Teacher Stuff](#)
 - [The Educator's Reference Desk](#)
 - [Lesson Plan Library](#)
 - [Educational Technology Resource](#)
 - [Kathy Schrock's Guide For Educators](#)
 - [Worksheets, Lesson Plans, Teaching Tips and Teaching Resources](#)
 - [The Lesson Plans Page](#)
 - [The Best On The Web For Teachers](#)
 - [Songs For Teachers](#)
 - [The Reading Lady](#)
 - [Kids Portal For The US Government](#)
 - [Enchanted Learning](#)
 - [Online Resource For Children's Education](#)
 - [Busy Teacher's Cafe](#)
 - [The Learning Network](#)
 - [Math, Reading Comprehension, Themes, Lesson Plans and Worksheets](#)
 - [Resources For The Classroom](#)
 - [Animated Educational Site For Kids](#)

- [Sites For Teachers](#)
- [The Fun Place To Learn](#)
- [Educational Resource For Special Needs](#)
- [Professionally produced lesson plans, books, worksheets, and much more](#)

- ▶ **Interactive Sites for Teachers**
 - [Shape Books](#)
 - [Worksheet Makers](#)
 - [Rubric and Rubrics Makers](#)
 - [Create Your Own Interactive Games](#)

- ▶ **Kindergarten Resources**
 - [Kindergarten Lesson Plans](#)
 - [Songs And Poems](#)
 - [Crafts For Kids](#)
 - [Pre-Kindergarten Teachers' Place](#)
 - [Shape-Book Patterns](#)
 - [Learn to Write...Free Tracing Paper](#)
 - [Children's Music](#)
 - [Donna Ayers'KinderThemes](#)
 - [Songs For Teachers](#)
 - [Webbing into Literacy \(WIL\)](#)

- ▶ **First Grade Resources**
 - [First & Second Grade Lesson Plans](#)
 - [Your First Grader](#)
 - [First Grade Book List](#)

- ▶ **Second Grade Resources**
 - [First & Second Grade Lesson Plans](#)
 - [Your Second Grader](#)
 - [Second Grade Book List](#)

- ▶ **Third Grade Resources**
 - [Third Grade Websites](#)
 - [Third, Fourth, & Fifth Grade Lesson Plans](#)
 - [Your Third Grader](#)
 - [Third Grade Book List](#)

- c. Free learning materials for experienced teachers:
<http://www.freelearningmaterials.com/>
- Here you can download a huge selection of free math worksheets and English worksheets.
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- d. Microsoft Office Word, Excel, and Power Point tutorials and aides:
<http://www.word-2010.com/>
<http://www.excel-2010.com/>
<http://www.powerpoint-2010.com/>

9. Teachers Network: <http://teachersnetwork.org>

- a. NEW YORK, NY (June 15, 2002)-Teachers Network , a non-profit education organization that connects innovative teachers nationally and around the globe, has won the prestigious Distinguished Achievement Award (DAA) for best online portal in the Technology category, given yearly by the Association of Educational Publishers (AEP). Chosen from more than 50 entries in the Technology program, Teachers Network received top honors for excellence in educational publishing at the 39th annual EdPress event held at the National Press Club in Washington D.C. last week.
- b. Teachers Network’s Core Purpose was to empower, recognize, and connect teachers to improve student learning, and to advocate for teacher leadership, all for the public good.
- b. Teachers Network’s Vision
Our leadership would empower all teachers to transform public schools into creative learning communities so every student would succeed and contribute to the public good.
- c. Teachers Network’s Values
 - ▶ *Excellence* – everything it put out there would be the best it could be
 - ▶ *Passion* – for public education, intellectual rigor and the importance of teachers to our future.
 - ▶ *Commitment* – to carry out our passion in our every day work in order to contribute to the public good
 - ▶ *Innovation* – stay on the forefront of meeting current and future needs of educators
 - ▶ *Teamwork* – respected and made the most of colleagues’ knowledge, talents, and experiences and strove to work democratically

- ▶ *Integrity* – each individual adhered to high personal standards of honesty and a strong work ethic
- d. Searches can be conducted by Subject or by Grade Level.
- e. Examples of links on the left-side bar menu include:
- ▶ TeachNet Curriculum Units
 - ▶ Classroom Specials
 - ▶ Popular Teacher Designed Activities
 - ▶ Videos for Teachers
 - ▶ How-to Articles
 - ▶ Videos About Teaching
 - ▶ Teachers Research
 - ▶ Effective Teachers Website
 - ▶ Lesson Plans

- f. Teachers post units they have developed. One example is the following:

Claude Monet and his Friends and Followers

This is an interactive webpage, complete with pictures and live links to additional examples of the artist's works. Renoir, Seurat, and Van Gogh are included as friends and followers of Monet.

The web page designer has included activities, lesson plans, interactive tours, and more to increase knowledge of this period in art at the elementary and middle school levels.

10. **Discovery Education:** <http://www.discoveryeducation.com/teachers/>

- a. Discovery Education is a company trying to sell digital materials, but it also offers a “broad range of **free classroom resources** that complement and extend learning beyond the bell.” Teachers should always weigh the benefit of free resources against the annoyance of marketing ads.
- b. Resources are categorized by grade levels: K-5, 6-8, 9-12.
- c. At each grade level, the free resources include Lesson Plans and Worksheets for Science, English, Social Studies, and Mathematics.

11. **Education:** <http://www.education.com/>

- a. Free activities by grade level (Pre-school, K, 1-5, Middle School, High School) and Back to School Tips.

- [Arts & Crafts](#)
- [Games & Puzzles](#)
- [Science Experiments](#)
- [Phonics & Reading](#)
- [Numbers & Math](#)
- [Letters & Writing](#)
- [Outdoor Games](#)
- [Science Fair Projects](#)
- [Videos: Activities & Crafts](#)
- [All Activities](#)
- [Videos: Back to School Tips](#)

- b. Free worksheets by subject and grade level (Pre-school, K, 1-5, Middle School, High School).

- [Math](#)
- [Reading](#)
- [Writing](#)
- [Science](#)
- [Social Studies](#)
- [Printable Board Games](#)
- [Coloring Pages](#)
- [Workbooks](#)
- [All Worksheets](#)

12. Teaching Channel: <https://www.teachingchannel.org/>

- a. According to Wikipedia, the videos on the Teaching Channel website cover a variety of subjects and classroom topics for teachers at all grade levels: from kindergarten through high school. Videos on the site are categorized in several ways: by grade level, by subject area, including [Math](#), [English Language Arts \(ELA\)](#), [Science](#) and [History](#), and by topic. The topic list includes: planning, class culture, behavior, engagement, differentiation, assessment, collaboration, common core, new teachers, and celebrating teachers.
- b. The site was launched in 2011. The **Teaching Channel** is a multi-platform service delivering [professional development](#) videos for teachers over the Internet and on television. In addition to showcasing inspiring teachers in videos, Teaching Channel also hosts a community for educators to share ideas, best practices, and enhance their knowledge.

- 92,391 [Views: Most Popular YouTube Clip](#)

- 704 [Videos in the Tch Library!](#)
- 375 [Questions in Q&A](#)
- 175 [Common Core Videos](#)
- 189 English Language Arts
- 175 Common Core
- 128 Math

Additional Online Resources (Not All Free) Recommended by Deanna Severns, Pleasant Street Elementary School Teacher:

13. Ed Helper (Resources for all subjects): <http://www.edhelper.com/>

Individual Accounts:

- edHelper basic subscription - US\$19.99 per year
- edHelper everything subscription - US\$39.98 per year

- a. [Leveled Reading Books](#)
- b. [Teacher Ideas Monthly](#)
- c. [Runaway Math Puzzles](#)
- d. [Math Printables](#)
- e. [Monthly Themes](#)
- f. Teacher Lesson Plans and Worksheets
- g. World Problems and Issues
- h. [Learning Centers](#)
- i. [Critical Thinking](#)
- j. [Charts and Bulletin Boards](#)
- k. [Values and Manners](#)

14. Teachers pay Teachers (Resources for all subjects):

<http://www.teacherspayteachers.com/Browse/Price-Range/Free>

- a. Can select by Grade, Subject, and by Top Resource Type.
- b. Individual resources are rated by teachers, e.g., 4.0 stars

c. Examples:

- ▶ **Geometric Shape Sort: Drawing, Naming, and Counting Sides & Vertices**
4.0

Use this open table to guide your students in sorting shapes. Easy to use, this table practice spelling shape names, drawing ...
By Just Tinkerin' Around!

- ▶ **Reading Responses** 4.0
This packet of reading responses will help your students comprehend when reading fiction, non-fiction, or even when they listen to a book/cd digi...
By Rachelle Smith
Subject:
Balanced Literacy, Writing, Reading Strategies
Level(s):
Pre-K, Kindergarten, First, Second, Third, Fourth, Homeschooler

d. Elementary Teacher, Heidi Craigo adds, “This website has been very helpful to me.” She has included the following advice for teachers:

- You can become a member at three different levels. A standard “membership” allows you to browse the “marketplace” looking for resources/downloads, download them and can make comments and rate your purchases. You can also download free items with obviously no cost.
- Don’t be discouraged by having to become a “member”. The standard membership just requires you to have username and password and set up an account in case you are interested in buying an item from the website. If you want to share documents you have created on the website, then you upgrade your membership.
- Nearly everything put on the website (in my experience) is aligned with the CCSS. Now teachers put things on this website from all states, so make sure that what you are downloading goes along with the CCSS of Ohio.
- This website is extremely beneficial if you are quickly trying to build up your resource base and get ideas when you have very little time to create things.

**15. Brain Pops (Videos for all subjects): <http://www.brainpop.com/>
Free resources: http://www.brainpop.com/free_stuff/**

BrainPop (styled BrainPOP) is a group of educational websites with over 1,000 short animated movies for students in grades K-12 (ages 6 to 17), together with quizzes ...

- a. Search resources for teaching academic standards by State, Subject, and Grade Level.
- b. For example, when searching for Ohio, Mathematics, 7th grade, the following two out of three resources were generated:

Ohio Academic Content Standards > Mathematics (2003)

Grade 7 **+** **A** *Represent and compare numbers less than 0 through familiar applications and extending the number line.*

- BrainPOP** [Adding and Subtracting Integers](#)
- BrainPOP** [Absolute Value](#)
- BrainPOP** [Graphing and Solving Inequalities](#)

Ohio Academic Content Standards > Mathematics (2003)

Grade 7 **+** **1** *Demonstrate an understanding of place value using powers of 10 and write large numbers in scientific notation.*

- BrainPOP** [Exponents](#)
- BrainPOP** [Standard and Scientific Notation](#)
- BrainPOP** [Rounding](#)
- BrainPOP** [Multiplying and Dividing Exponents](#)

+ 3 more resources

- c. Example of a free video on teaching angles:
<http://www.brainpop.com/math/geometryandmeasurement/angles/>

16. Chalk Waves (Videos for all subjects):

<http://www.itsco.org/multimedia/chalkwaves.html>

- a. Multimedia: Chalkwaves

Chalkwaves Ohio is an Ohio-standards-based version of the popular digital media-on-demand content library. The full K-12 collection contains 1200 outstanding video titles, each chunked into 13,000 two- to eight- minute clips for easy integration into lesson plans. Custom video clips can also be created with only a few clicks of the mouse, so teachers can use only what they need. Because Chalkwaves lives on your Local Area Network, you pay NO bandwidth or data transfer costs. Chalkwaves Ohio is available for an annual licensing fee of \$1.45

per student, plus a one-time cost of \$600 for the content-library on a USB or Firewire hard drive (\$370 for K-6, 5-9, or 7-12).

b. What is the Ohio Digital Classroom?

Ohio's Public television stations and educational technology agencies have formed a statewide coalition to offer new digital media products and services to Ohio's K-12 classrooms. Initially, the Ohio Digital Classroom will include video-on-demand, technology training for teachers, and other related services. The Ohio Digital Classroom will be aligned with Ohio academic content standards, to support school performance and student achievement.

c. Chalkwaves Ohio

- Chalkwaves Ohio features immediate access to a collection of thousands of educational media segments.
- Chalkwaves Ohio includes outstanding content from respected media producers, including Ohio-specific content from Ohio public television stations
- Each program is outcomes-based and developed by and for classroom educators.
- Each program is indexed for easy previewing and searchable by subject, grade level, keyword, and Ohio Standard, Benchmark, and Grade Level Indicator.

17. Math Magician (Fact Fluency):

<http://resources.oswego.org/games/mathmagician/cathymath.html>

- a. Can select the four math functions or “Math Magic” on the menu.
- b. Game to learn multiplication facts. For example, if you select “Multiplication,” you are given a screen that presents random multiplication problems to practice. You are timed on the speed of your responses and given a score at the end with the option of printing out a certificate.

<http://www.oswego.org/ocsd-web/games/Mathmagician/mathsmulti.html>

18. Success Maker (Reading and Math): www.pearsonschool.com

- a. School districts around the United States use the SuccessMaker program. This digital learning system improves student achievement by addressing the individual needs of each student. According to the "Journal of Teacher Initiated Research," SuccessMaker provides more intense hours of learning time than traditional classroom lectures, because each student is engaged only in work

activities specific to his educational needs. As students use the SuccessMaker program, the teacher acts as a facilitator and works with each student separately.

b. Read more:

http://www.ehow.com/how_7795480_use-successmaker-classroom.html#ixzz2affPJAht

19. Study Island (Reading and Math): <http://www.studyisland.com/web/index/>

Study Island has partnered with the Northwest Evaluation Association (NWEA™) to offer a fully integrated solution that uses a student's Measure of Academic Progress® (MAP®) assessment results to create an individualized learning path, delivered through the Study Island program.

Additional Online Resources (Not All Free) Recommended by Chris Bartal, Pleasant Street Elementary School Teacher:

20. Johnny's Math page: <http://jmathpage.com>

Website with many activities and games grouped by math domains

21. Math-Aids.Com: <http://www.math-aids.com>

Dynamic worksheet creator

22. Clipart ETC: <http://etc.usf.edu/clipart/sitemap/sitemap.php>

a. An Online Service of Florida's Educational Technology Clearinghouse

b. Free clipart for classroom use

23. Infohio: <http://INFOhio.org>

a. Ohio's online library resources for teachers and students.

b. INFOhio's Core Collection of digital resources is free to all Ohio K-12 students and educators. To use them from home, you will need a username and password. Ask your school library media specialist for your district's username and password or request the statewide password.

c. <http://www.infohio.org/ER/ERcore.asp>: Menu as follows:

BookFlix

Literacy resource that pairs classic video storybooks with related nonfiction e-

books to build a love of reading and learning.

Digital Video Collection

Includes hundreds of digital videos that have been made available at no cost to Ohio K-12 districts.

Literature Online: American & English Literature

Full-text, searchable works available online to supplement your library's print collections. Poetry, drama and fiction are included.

ProQuest Ancestry Library Edition

Billions of records in census data, vital records, directories, photos and more. Access is available while at school or your local public library only.

Science Online

Thousands of essays on major topics and issues in science, math and technology, along with illustrations, experiments, activities and biographies.

EBSCO Resources:**EBSCO All Database Search**

Articles from more than 6,000 magazines and newspapers are indexed, most in full text, from children's magazines to professional research journals.

Searchasaurus (Grades K-2)

EBSCO databases selected specifically for the earliest grades in an intuitive interface.

Kids Search from EBSCO (Grades 3-5)

EBSCO databases selected young researchers with a kid-friendly interface.

Student Research Center from EBSCO (Grades 6-8)

EBSCO databases selected with middle school researchers in mind.

Student Research Center from EBSCO (Grades 9-12)

EBSCO databases selected for high school students.

Professional Search (Teachers & Administrators)

EBSCO's Academic Search Premier, ERIC, and the Professional Development Collection.

Biography Reference Bank

Articles about more than a half-million people, most in full text, from around the world.

Consumer Health Complete

Provides content covering all areas of health and wellness from mainstream medicine to the many perspectives of complementary, holistic and integrated medicine.

Literary Reference Center

Provides a broad spectrum of information on thousands of authors and their works across literary disciplines and timeframes.

Points of View Reference Center

Presents articles supporting multiple sides of current issues from which students can develop persuasive arguments and essays while developing their analytical thinking skills.

Science Reference Center

Easy access to a multitude of full-text, science-oriented content. Science Reference Center contains full text for hundreds of science encyclopedias, reference books, and periodicals.

LearningExpress Resources:

LearningExpress Library

More than 100 programs to learn, practice and prepare for tests on a variety of subjects in elementary, middle and high school.

Job and Career Accelerator

Helps students match their interests and skills with careers, create resumes and cover letters, and master interviewing skills. Includes information on more than 1,000 different occupations.

Workforce Skills for 21st Century Success

Provides resources to boost basic workplace and job search skills and prepare job seekers for advanced occupational training.

World Book Resources:

Early World of Learning

Resources to help preschoolers and children in the early grades grasp critical

early childhood themes while developing reading and oral language skills.

World Book Kids

Developed especially for young students. Features simple navigation, easy-to-read articles, thousands of illustrations, videos, comparison tools, and a wealth of engaging activities.

World Book Student

Tailored for students in elementary and middle schools. Includes all articles from the print versions of the World Book, plus additional articles, learning resources, and research tools.

World Book Advanced

Powerful reference tool that includes encyclopedia, multimedia, e-book, and primary source databases, fully integrated in a single search.

World Book's Academic Edition

Comprehensive reference tool that includes encyclopedia, multimedia, e-book, and primary source databases, fully integrated in a single search.

Enciclopedia Estudiantil Hallazgos

Online Spanish language encyclopedia that is appropriate for younger Spanish-speaking students and students just learning the Spanish language.

Gran Enciclopedia Hispánica

Comprehensive Spanish-language encyclopedia from World Book Inc. and Hispánica Saber. It is written from a Latin American perspective and the content is updated monthly.

L'Encyclopedie Decouverte

Online French language encyclopedia that is appropriate for younger French-speaking students and students just learning the French language.

- d. Also, according to Mark Tuel, MVHS librarian, INFOhio's resources are available without a user name and password at school, but users need them if they want to access the resources from home. Due to licensing agreements, the log-in information may not be shared electronically, but students may see their school librarian for the access information. Mr. Tuel has itemized the new resources available at INFOhio for the upcoming school year:

Scholastic BookFlix (PreK-3)

Consumer Health Complete (6-12)

Literary Reference Center (9-12)

Points of View Reference Center (9-12)

Science Reference Center (4-12)

Workforce Skills for 21st Century Success (11-12)

World Book's Academic Edition (11-12)

24. Knox Net Digital Downloads: <http://www.knox.net/digitaldownloads.html>

- a. The Public Library of Mt. Vernon and Knox County's online resources
- b. Freegal – Up to 3 free mp3 downloads per week, including children's music, and stories.
- c. Ohio eBook Project – Downloadable eBooks and audiobooks
- d. Transparent Language Online with Byki – Mobile language apps and computer program

25. Teacher Tube: <http://www.teachertube.com>

Like YouTube but for educators

26. TED Talks: <http://www.ted.com/talks>

Lectures on a variety of topics

27. Project Gutenberg: <http://www.gutenberg.org>

- a. Free eBook downloads of books in the Public Domain

- b. Many classics

28. Discovery Streaming: <http://streaming.discoveryeducation.com>

- a. A collection of videos and resources for schools
- b. Chris personally notes:

I really like Discovery Streaming.

- The subscription costs about \$1,500 a year per elementary (not sure about the high school cost), but it is absolutely fantastic. I used it a lot when I taught at Utica and found it to be valuable and easy to use.
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- It has videos and clips of all kinds of topics which are searchable by grade level and subject area.
-
- For example, it has the Magic School Bus videos, and I believe they just added the Reading Rainbow videos.
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- There are teacher printables and other resources as well. (We're hoping to get our PTO to consider purchasing.) It would be a great tool for all of the schools.