



## **A Solution-Finding Report**

**Title:** *Generating lesson plans*

**Date:** January 12, 2015

This *Solution-finding Report* responds to a request by the Kansas State Department of Education (KSDE) for resources related to creating a mind map, or thinking tool, representing an exemplary teacher's thinking process when developing a quality lesson. The KSDE goal is to develop a tool that, upon entering some pertinent data (grade level, content area, first or follow-up lesson), would produce a lesson plan.

This report, therefore, provides an annotated list of web-based resources that address or include features that KSDE may find useful in designing its lesson-planning tool, that is, features that allow filtering by grade level, subject matter, standards, and so forth. All of the items listed below are free, but some have alternate, paid versions which add complexity to the tool; tools strictly for-fee have not been sought for this report.

A note of caution: Although there are a number of programs that will produce a lesson plan after filtering for grade level, subject matter, standard, or other variables, any lesson plan used must undergo further scrutiny based on the context in which it will be used. As with any lesson to be taught, educators must further refine the lesson to meet the particular needs of their students (e.g., Is the instructional level appropriate? Does it allow for individualization or further expansion? How might a teacher scaffold the lesson, if needed? Does it match the interest areas of a particular teacher's learners? What individual or classwide learning issues might arise?). As with all curricula and tools, educators are encouraged to fine-tune the end results to meet student needs.

*Solution-finding Reports* are intended to provide a quick response to the request for information; they are not intended to be a definitive literature survey or synthesis of the topic.

## A to Z Teacher Stuff

<http://atozteacherstuff.com/>

A to Z Teacher Stuff is a teacher-created site designed to help teachers find online resources more quickly and easily. Find lesson plans, thematic units, teacher tips, discussion forums for teachers, downloadable teaching materials and eBooks, printable worksheets and blacklines, emergent reader books, themes, and more. It includes Popular Lesson Planning Themes (Dr. Seuss, Space, Plants, etc.) and Theme Resource Pages by Month.

## Alchemy: SmartBinder

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

Alchemy: SmartBinder is a cloud-based lesson binder that lets teachers harness digital resources to build lessons. It is a service for creating, organizing, and sharing lessons. With an Alchemy SmartBinder account, teachers can create lessons that include text, images, videos, audio files, and web links. Each lesson can be aligned to Common Standards and/or any other standards system that they use. Each lesson can be shared with students, so lessons can be delivered at home or in class, and teachers can get real-time feedback on student engagement and mastery. All lessons are organized in courses in the teacher's Alchemy SmartBinder.

## BetterLesson

<http://betterlesson.com>

BetterLesson is a site where educators can find and share curricula and instructional resources, including standards-aligned lesson plans. It offers over 10,000 complete Common Core-aligned lessons from its 130 Master Teachers, searchable by subject, grade, or standard, including ones written by "Master Teachers" found by teaming up with the National Education Association. Teachers can open a free account and upload/download instructional content to/from the searchable database, and organize their own materials. Schools, districts, and states can purchase a premium version that features an on-site network to customize the tool for their location.

## Blendspace

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

According to this website, teachers can join for free and create lessons in five minutes. The site also lets you Organize (collect web resources in one place and share with just one link), Assess (measure student understanding with built-in quizzes), and Track (monitor student progress and adapt to student needs in real-time).

## ClassFlow

<https://classflow.com/>

ClassFlow is the all-in-one teaching tool for creating and orchestrating interactive multi-media lessons across a connected learning environment. With ClassFlow, teachers can deliver interactive multi-media lessons throughout their connected classroom. They can enable active student participation through the free ClassFlow Student app from the Apple Store, Google Play, or the Windows Store. Classrooms can be unified by synchronizing lessons across all leading brands of classroom display and handheld devices. Teachers can use the ClassFlow Teacher app to move throughout their classrooms while navigating their ClassFlow lessons, sharing content with students, annotating lesson content, and assessing students in real-time – all from their tablet. Teachers can receive real-time insight into student learning and progress through rich interactive and differentiated formative assessment. Multi-media lesson content can be customized based on individual learning style and level of subject-matter mastery.

## Common Curriculum

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

Common Curriculum is a lesson planning resource that aims to help teachers align their lessons to Common Core standards. Teachers can customize the lesson plan template and tie it to standards using a flexible search tool. After teachers enter a lesson plan into their Common Curriculum planner, they can click “search for standard” to have Common Curriculum search for Common Core standards that might match their lesson plans. The more text they include in their lesson plan, the more likely Common Curriculum is to find Common Core standards that match that lesson plan. Teachers can open a free account, and schools, districts, and states can pay an annual fee for customization.

## Curriki

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

Curriki is an online community for creating and sharing curricula and teaching best practices. It provides high-quality free resources, containing over 51,000 free K–12 lessons, units, assessments, and multimedia learning resources across all subject areas. Curriki’s free platform enables educators to build their own curriculum by assembling Curriki resources, as well as their own, into collections. Curriki hopes to help bridge the achievement gap by providing free and open resources to teachers who need them most. It is a leading organization behind the OER (Open Education Resource) movement – a movement based around the idea that educational resources should be freely available for educators and students to use, mix, modify, and share. The Curriki community is composed of millions of users and hundreds of collaborative networking groups.

## Edmodo

[www.edmodo.com](http://www.edmodo.com)

Edmodo is a “social learning platform” commercial website for teachers, students, and parents, and is marketed as the Facebook for schools. It is currently the number one K–12 social learning network in the world. Teachers can store lesson plan documents in the Library of Edmodo and create public folders to share those lesson plans with others. Using Edmodo, teachers invite students into private groups that can be used for online classroom discussions, but in a format that keeps the teacher firmly in control. Teachers give students a class signup code, which can be deactivated once all students have signed up, and students in turn are encouraged to share the code with their parents, allowing them to monitor their own child’s activity. As an invitation-only social network, Edmodo is meant to mirror a secure offline classroom that intruders cannot access, with rules of decorum enforced by software. For example, students are not allowed to pass private messages to other students in class. They can post only to the group or the teacher, and group messages can be moderated by the teacher. The video Using Edmodo for Teacher Lesson Plans (<https://prezi.com/kqcrpf-o99t9/using-edmodo-for-teacher-lesson-plans/>) may be helpful.

## Educade

<http://educade.org/>

Educade is a free website offering engaging or interactive lesson plans to use with 21st century tools, such as apps, games, and maker kits. The lessons are searchable by subject, grade (including special needs), tool type (such as an app, augmented reality, or video), or platform (e.g., web browser, iOS, Android tablet). Individuals can create accounts that save lesson plans and can easily create their own using the site’s templates.

## Educaplay

<http://en.educaplay.com/>

Educaplay is a free website which lets teachers create a wide variety of different educational interactive resources. Activities that teachers can create include: Listen and read dialogues, Jumbled Words, Jumbled Sentences, Matching, Quizzes, Image Maps, Riddles, Crosswords, Wordsearch Puzzle, and Fill in the gaps. Once teachers are registered, they can create any of the activities that Educaplay offers, plus they can manage and download your own multimedia activities. Besides the English-language version, the site is also available in Spanish (<http://www.educaplay.com>) and French (<http://fr.educaplay.com>) versions. This site should be of interest to anyone who wants to create interactive resources for their school VLE (Virtual Learning Environments) or class blog. Teachers can also access the library of resources created by other teachers.

## fit 4 the classroom

<http://www.fit4theclassroom.com/>

According to this website, “Being fit takes more than just eating right and exercising. It also means doing simple things to help you make healthy choices throughout the day. Discovery Education, Sanford Health and WebMD teamed up to create a new program for elementary educators and students called *fit 4 the classroom*, which brings the four pillars of the fit initiative – mood, move, food, and recharge – into the classroom. The fit initiative, located at <http://fit.webmd.com/>, contains a suite of free resources designed to empower children and parents to make healthy lifestyle choices. Below you will find a series of FREE dynamic lesson plans with engaging activities and videos that demonstrate the importance of a balanced daily life, and easily tie into math, science, or other classroom instruction.”

## GeoGebra

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

GeoGebra is an interactive geometry, algebra, statistics, and calculus application, intended for learning and teaching mathematics and science from primary school to university level. Teachers and students can use GeoGebra to make conjectures and to understand how to prove geometric theorems. It is suggested that, if teachers use GeoGebra in their classrooms, they should bookmark GeoGebraTube (<http://www.geogebraTube.org/>). GeoGebraTube is a community site for teachers who teach with GeoGebra to share and find a wide range of free resources. On GeoGebraTube visitors will find user-created tutorials, lessons, and worksheets. Visitors can search for resources by age group, language, and material type. All materials are freely available for noncommercial re-use. GeoGebra is available on multiple platforms with its desktop applications for Windows, Mac OS, and Linux; with its tablet apps for Android, iPad, and Windows; and with its web application based on HTML5 technology.

## Get the Math

<http://www.thirteen.org/get-the-math/>

Get the Math is a website designed to provide teachers and students with Algebra-based mathematics challenges. Get the Math tries to put the challenges in the context of the “real world” scenarios of fashion design, video game design, basketball, restaurant management, movie special effects, and music production. Get the Math features short videos of professionals explaining and showing how mathematics is used in their professions. After watching the videos, students try to complete a series of challenges based upon the work done in the professions of music production, fashion design, videogame design, restaurant work, basketball, and special effects.

## **Khan Academy**

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

Khan Academy is a nonprofit educational organization created in 2006 by educator Salman Khan to provide “a free, world-class education for anyone, anywhere.” The organization produces micro lectures in the form of YouTube videos. In addition to micro lectures, the organization’s website features practice exercises and tools for educators. All resources are available for free to anyone around the world.

## **Knowmia**

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

Knowmia features a searchable library of over 30,000 video lessons from great teachers. It also offers free tools for teachers so they can use video with their students. Teachers can download the Knowmia Teach iPad App to create and publish dynamic video presentations. The app is available in a free and in a pro version. The former is described as “a free lesson planning and recording tool for teachers. It helps you create video lessons on any subject and publish them on Knowmia.com. Knowmia Teach makes it easy to import your own visual aids, organize them in steps, and record your voice and face to bring them to life. You can record illustrations as you draw them and create sophisticated animation sequences with the simple stroke of a finger.” To browse through or search through the videos, visit <http://www.knowmia.com/browse/teaching/knowmia-teach>.

## **LearnZillion**

[https://learnzillion.com/free\\_resources](https://learnzillion.com/free_resources)

LearnZillion provides purpose-built video lessons with clear, visual, grade-level appropriate explanations of the Common Core State Standards across Grades 2–12. Each math and ELA lesson includes a short video lesson, downloadable resources, and parent letter. To view the lesson plans (by subject matter, grade, or standard), one must create a free account. Teachers may assign LearnZillion lessons directly to students to remediate or accelerate learning, and use Quick Codes to enable parents to support homework. Teachers get a free account, while schools, districts, or states can purchase a customized premium version.

## Lessonopoly

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

Silicon Valley Education Foundation and Gooru have partnered to host Lessonopoly content on the Gooru site. Gooru is a free search engine for learning that makes it easy for teachers to discover educational content, organize it into learning playlists, and teach and share it with students to study. Gooru indexes over ten million online resources, making it easy to discover topic relevant and standards-aligned content. Gooru lets you save your favorite resources into sharable playlists that you can assign to your students. Gooru is a non-profit organization with the mission to honor the human right to education. Over 5,000 lesson plans from Lessonopoly can now be found on Gooru and, according to the website, “We recognize that there are a number of websites with lesson plans and we want to make it easier for you to find what you need for the classroom so that students have a great learning experience! Lesson plans have been placed onto the Gooru Lessonopoly partner page and are also searchable via the main search engine.”

## LessonPlans.com

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

LessonPlans.com was originally founded in 1997, with the ultimate goal of providing resources that all educators would find useful, with a particular focus on helping teachers in the process of developing exemplary lesson plans. The Educators Network, Stephen took over the reins in 2009. The goal continues to be one of providing Tools and Resources to aide teachers in delivering curriculum that is timely, relevant, and useful to their students. Through online collaboration, individual teachers can now share their lesson plans with educators in all corners of the globe. The lesson plan databased is searchable, or teachers can browse by subject, grade levels, or month. In addition, teachers can participate in the development of the site by contributing their unique lesson plans.

## lessonwell

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

Lessonwell is an online lesson-writing platform that “saves teacher time and effort.” It provides automatic formatting, automatic organization (teachers don’t have to worry about grouping their lessons into appropriate units or courses, because lessonwell automatically organizes their lessons; proper menus and page navigation are generated without any effort by the teacher), and an intuitive user interface (Lessonwell is designed to be simple to use, and intuitive for even the least “tech savvy” user). It claims “Unlike many content-management systems out there, lessonwell is not bogged down by a million bells and whistles. We do one thing, and we do it very well: writing lessons.”

## LessonWriter

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

According to the LessonWriter website, “LessonWriter, Inc., founded in 2008 by educators and programmers to improve education, is the only service that automatically creates personalized print, web, and mobile-ready literacy lessons. LessonWriter creates opportunities to teach reading wherever comprehension matters – in every class and in every subject.”

## Math Core

<https://itunes.apple.com/us/app/math-core/id538836822?mt=8&ign-mpt=uo%3D4>

At the iTunes store, this free iPad app is described as “a complete solution for Common Core Standards for Mathematics. It is designed for individual students, teachers in a traditional classroom, and parents that home school. Math Core is a complete solution for learning and teaching Mathematics as specified by Common Core standards.” It requires iOS 5.0 or later.

## Math Open Reference

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

Math Open Reference is a free online reference for geometry teachers and students. Math Open Reference features animated and interactive drawings to demonstrate geometry terms and concepts. The table of contents on Math Open Reference is divided into four basic categories; plane geometry, coordinate geometry, solid geometry, and function explorer tools. Click on any subject in the first three categories to find definitions, examples, and interactive drawings. In the function explorer category, users can select linear functions, quadratic functions, or cubic functions to explore how changes in variables affect the graphed output.

## mathalicious

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

According to this website, “Finally. Math class is awesome. Real-world lessons from Mathalicious help middle and high school teachers address the Common Core Standards while challenging their students to think critically about the world.” The site currently has 107 lessons in its library.



## MathDisk

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

MathDisk is a service that teachers can use to develop interactive mathematics worksheets. Through MathDisk's "Math Builder" tool, teachers can design mathematics models that their students can use online. The models and worksheets they develop online can also be downloaded to use offline if they also install the MiBook software on their desktop or on their Android device. If teachers don't have time to create new materials, the MathDisk gallery has pages of models and worksheets that teachers can choose from. Everything in the gallery, like everything teachers create through MathDisk, can be downloaded and or embedded into their own website or blog.

## Modern Chalkboard

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

This site was created for elementary school teachers who want to integrate the SMART Board into their regular, classroom instruction. All SMART Boards come with Notebook software – a powerful package that allows teachers to create their own lessons – but not all teachers have the time to create a new interactive whiteboard file for each lesson they plan to teach. This website has files that cover all areas of the curriculum, including math, grammar, ELA, science, and social studies. The lessons on this website are easy to use – just download the file, turn on your SMART Board, and begin teaching.

## NextLesson

<https://www.nextlesson.org/lessons>

NextLesson is a free website featuring lesson plans and projects using a variety of resources, including video, worksheets, websites, references to apps (where appropriate), and a comprehensive teacher guide. Lessons are fully searchable by subject area, grade, Common Core standard, and 21st Century Skill. The projects and lessons integrate with a task management tool for students, and teachers have a view of their progress.

## NRICH

<http://nrich.maths.org/frontpage>

The NRICH website publishes free mathematics education enrichment material for ages 5 to 19. NRICH material focuses on problem-solving, building core mathematical reasoning and strategic thinking skills. In the academic year 2004–2005, the website attracted over 1.7 million site visits (more than 49 million hits).

## Open Curriculum

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

Open Curriculum offers a collection of more than 4,000 resources for teaching mathematics. Teachers browse the Open Curriculum resource lists according to grade level and topic. Many of the featured resources are Khan Academy materials, and there are also many lessons created and shared by other teachers. Teachers can also upload existing materials to incorporate into the lessons and units that they create in Open Curriculum.

## OpenEd

<https://www.opened.io/>

OpenEd is a site that claims to be the world’s largest educational resource catalog. On OpenEd, teachers can search for videos, games, and other educational materials. Searches can be conducted according to content area, grade level, Common Core standard, or a combination of those factors. As a registered OpenEd user (registration is free and takes less than thirty seconds to complete), teachers can create courses and playlists of videos and other materials that they find in the OpenEd directory. Teachers can align their courses and playlists to standards. If teachers choose to align their course to a standard, OpenEd will suggest materials to them.

## Opus

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

Opus is a service that aims to help middle school mathematics teachers discover sample math problems aligned to Common Core standards. To find problems on Opus, search by entering a topic and selecting a grade. Teachers can also find problems by clicking the “browse the Core directly” link on the Opus homepage. Either way, when teachers find a problem, they can save it to their free Opus account, where they can then generate a Word doc or Google Document of all of their saved problems. Teachers can also create an answer sheet in their Opus account.

## Pearson Dash

<https://itunes.apple.com/us/app/pearson-dash/id471339475?mt=8&ign-mpt=uo%3D4>

At the iTunes store, the free Pearson’s Dash iPad app is described as “giving educators using selected Pearson programs mobile access to point-of-use teaching strategies, content information, training resources, engaging videos, lesson plans, discussion topics, test questions and answers, and personalized student information — all integrated through a user-friendly touch screen interface.”

## **PBS LearningMedia**

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

According to this website, “PBS LearningMedia is your destination for direct access to thousands of classroom-ready, curriculum-targeted digital resources. PBS LearningMedia builds on the strength of public media and is designed to improve teacher effectiveness and student achievement. Resources are aligned to Common Core and national standards and include videos and interactives, as well as audio, documents, and in-depth lesson plans. You can browse by standards, grade level, subject area, and special collections. Best of all, PBS LearningMedia’s basic service is free for PreK-12 educators.”

## **Planboard**

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

Planboard is both a website and an app that helps teachers and educators with lesson planning. Lessons may range from broad yearly scopes, to weekly overviews, to detailed reminders. Once lessons are planned, they may be aligned to various standards, and stored online for sharing and future use. The site says, “Collaborate between teachers worldwide to create the best lesson plan for a particular subject. You can also easily find public lesson plans by searching for keywords or the exact standard codes that they need to meet.” Teachers can open a free account, and a customized premium version is available to schools, districts, and states.

## **PlanbookEdu**

<http://planbookedu.com/>

According to its description at the Google Apps Marketplace, “PlanbookEdu takes the hassle out of lesson planning. You can create and view your plans from any computer with an Internet connection. You never have to worry about forgetting your paper planner or thumb drive with your lesson plan template. Creating plans is simple to do, without sacrificing powerful features such as the ability to repeat a lesson and create re-usable templates. You can also attach homework or any lesson material directly to your plans and access it anytime. Common Core Standards are integrated, allowing you to quickly tag a standard to a lesson. PlanbookEdu allows you to turn in your lessons to your principal with one click or share a selection of your lessons with your colleagues or a substitute. PlanbookEdu’s interface is simple to understand, allowing you to be planning within seconds.” Basic accounts are free forever, premium accounts are \$25/year/user after a 14 day free trial, and group rates are available.

## PowerMyLearning

<http://powermylearning.org/>

According to its website, “PowerMyLearning is a free K-12 platform to personalize instruction and inspire student-driven learning. Choose from thousands of curated activities and playlists or add your own.” For educators, it says, “We know it can be challenging to find quality digital learning activities that are tightly aligned to the Common Core State Standards and meet your students’ learning needs. Not anymore! PowerMyLearning eliminates the hard work and guesswork that goes into finding and using the most engaging free activities on the web. Our team of educators has carefully curated thousands of academic games, videos, and interactives and then tagged them by subject, grade, Common Core Standard, and more. PowerMyLearning also provides a powerful set of free tools to help personalize instruction and support student-driven learning in school and out of school.”

## ReadWorks.org

<http://www.readworks.org/lessons/grades>

ReadWorks is a nonprofit service that has cataloged hundreds of lesson plans and more than one thousand nonfiction reading passages aligned to Common Core standards. Recently, ReadWorks added a new batch of science passages with accompanying question sets to use in elementary and middle school. ReadWorks provides units, lessons, and authentic, leveled nonfiction and literary passages based on research-based instructional practices in reading comprehension. Lessons can be filtered by grade level, skill/strategy, or unit theme. Materials are free, online, and aligned both to Common Core State Standards as well as standards for all 50 states. In their free account, teachers can create digital binders of the lesson plans and reading passages that they want to use.

## ReadWriteThink

<http://www.readwritethink.org/classroom-resources/>

ReadWriteThink, sponsored by the International Reading Association, offers a free searchable database of lesson plans and resources focused on reading, writing, and thinking. It is searchable by key word, grade level, learning objective, theme, or resource type. Lesson plans are well thought out, and each one has been aligned to the IRA/NCTE Standards for the English Language Arts as well as individual state standards.

## Schoology

[www.schoology](http://www.schoology)

According to its website, “Schoology is not your typical learning management system (LMS). We have redefined the LMS to make online education a collective effort and to increase the overall impact of everyone involved in a student’s education. With an easy-to-use collaborative interface, our CODiE-award-winning solution and robust mobile apps empower engaging instruction and systemwide collaboration on any device.” The basic package is free for instructors.

## Share My Lesson

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

Share My Lesson was developed by the American Federation of Teachers and TES Connect, the largest network of teachers in the world. It is a place “where educators can come together to create and share their very best teaching resources. Developed by teachers for teachers, this free platform gives access to high-quality teaching resources and provides an online community where teachers can collaborate with, encourage, and inspire each other. Share My Lesson has a significant resource bank for Common Core State Standards, covering all aspects of the standards, from advice and guides to help with dedicated resources that support the standards.”

## SideVibe

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

SideVibe is a breakthrough Web technology that allows anyone, for example a teacher, to create Web-based online activities, pose questions, or even host threaded discussions that can literally float over any Web page. All user activity and interactions are collected at the SideVibe website, where teachers can use its Feedback tools to read, assess, and respond to a student or ad hoc group of students. The Web is a rich source of content for educators, and SideVibe enables teachers to create learning activities on the screen in direct proximity to Web content without the need for paper handouts or third party Web systems like blogs and Wikis.

## SMART Exchange

<http://exchange.smarttech.com/>

Smart Technologies is best known as the developer of the Smart Board interactive whiteboard. SMART Exchange is a one-stop destination designed to provide teachers with access to all of Smart Technologies' learning resources and the opportunity to connect with colleagues in a professional community. Custom-designed searches save time by delivering relevant results and a full visual preview of all SMART Notebook files, so teachers can easily evaluate a lesson before downloading it. SMART Exchange includes resources submitted by educators from around the world, top educational publishers, and Smart Technologies. Site membership is free, quick, and easy, and allows teachers to upload or download learning resources. Site membership provides access to all of the resources on SMART Exchange and allows teachers to connect with educators from around the world.

## Songelab

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

Songelab is a science education website for teachers and students created by Songelab Interactive. The website provides a free online collection of multimedia, including educational games, videos, images, and lesson plans, with a focus on game-based learning. Songelab.com is a web-based teaching platform that allows educators to combine science, discovery learning tools, and technology to create a visually engaging interactive whole. The website is a self-described "global science community" that has seen its base grow to more than 50,000 active monthly users. It stitches together interactive multimedia, online teaching, and classroom metrics.

## Teacher Time

<http://www.teachertime.com.au/>

According to this website, "Throw away your thumb drives! Upload your best resources to Teacher Time so that you can access them from any computer, anywhere. Get instant access to hundreds of lesson plans & templates made by teachers, for teachers that are specific to your curriculum standards. Access your daybook from any platform, anywhere. Share your daybook with your grade partner and collaborate seamlessly. We believe it's time to take planning and programming away from paper and pencil and into the cloud. Become a part of the new way teachers plan. Principals and teachers alike can easily view attendance, track evaluations and monitor outcome targets. We give you the tools that empower meaningful professional development, right within the walls of the school." It is free to sign up.

## TeacherVision

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

TeacherVision is one of the Internet's most popular sites for teachers, featuring tools and resources that save educators time and make learning fun for students in Grades K–12. Resources include a vast online library of lesson plans, graphic organizers, printables, email newsletters, quizzes, and printable books to help teachers enhance student learning, meet local and national educational goals, and manage their teaching lives and classrooms with ease. TeacherVision highlights the finest content for each subject, grade, and theme. Theme pages feature cross-curricular lessons for every area of focus, making it simple for teachers to create a study unit that is inclusive and varied. Printable books are compilations of the best materials within every topic studied in today's classrooms. Plus, the search function is easy to use, allowing teachers to drill down from the general to the specific until they find the perfect resource for their students.

## Teaching Objects

<http://teachingobjects.net/>

Teaching Objects is an online lesson planner that enables teachers to pull materials from their Google Drive and YouTube accounts into their lesson plans. As they write their lesson plans and organize their materials in their Teaching Objects account, they can search for and identify the Common Core standards that align to each of their lesson plans. (To use Teaching Objects, teachers do need to have a Google Account.)

## TeAch-nology

[http://www.teach-nology.com/web\\_tools/lesson\\_plan/](http://www.teach-nology.com/web_tools/lesson_plan/)

According to its website, the mission of TeAch-nology is to provide services designed to support educators in effectively incorporating technology in teaching and learning. Its goal is two-fold: to provide a reservoir of online resources for educators to access at any time, and to provide effective tools for designing instruction that are time and energy saving. As a web portal, TeAch-nology offers a wide variety of free resources intended to bring educators into the world of teaching with technology. It provides links to valuable and useful information relative to current and best practices in the field of education. A large variety of free classroom materials and support tools are also available.

## TenMarks

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

TenMarks is a service that offers an online mathematics program designed to supplement teachers' in-classroom mathematics instruction. All of the problems in TenMarks' bank of more than 20,000 problems are aligned to Common Core standards. Within TenMarks, teachers create class rosters and accounts for their students. After creating rosters, teachers can assign practice problems to students. Teachers can assign problems based on the Common Core Standards that their students are trying to reach.

## ULearniversity

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

ULearniversity is a free site featuring arithmetic and algebra lessons. Short lessons keep students focused on the small piece they are trying to master at that time and encourage multiple views when necessary. The interactivity on each page forces students to show they understand a concept before moving on. This again keeps students engaged rather than just "putting in time watching videos." The site has also added various motivations which early testing/feedback are showing to be extremely successful. On ULearniversity, viewers can watch tutorial videos and practice the concepts taught in the videos. ULearniversity provides instant feedback on practice problems. As a registered ULearniversity user, anyone can track their own progress.