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Educators seeking to adopt OER at the K12 level have a wide variety of resources to browse. The following is a non-comprehensive list of open educational resource providers with materials to serve students in K12. Click link beneath logo to access provider website.

Provider	Key Characteristics
	<ul style="list-style-type: none"> • Library of free digital textbooks that allow students to highlight and annotate within the text • Offers nearly 40 books, including four for AP courses: Biology, Physics, Macroeconomics, and Microeconomics • Majority of books are for college courses, but are currently used by 500K high school students worldwide • Partner organizations include homework assignment platforms and other courseware • License: CC BY 4.0
	<ul style="list-style-type: none"> • A comprehensive offering of OER at K12. • Features Bookworms, a K-5 Reading and Writing program; EL Education, a K-5 Reading program; and Illustrative Mathematics • Recently launched HS math program • License: CC BY
	<ul style="list-style-type: none"> • Common Core math curriculum connected with Open Up Resources • Partnerships with LearnZillion, McGraw Hill, and Kendall Hunt (print) support distribution • Positive EdReports review • LMS integration, including Google Classroom, Canvas, Bb, Schoology • License: CC BY
	<ul style="list-style-type: none"> • Independent student navigation • Teacher/parent data analytics to measure student performance/progress • User-friendly interface that offers motivational badges/points to encourage progress • Integrations with Illustrative Mathematics, other OER providers • License: CC BY-NC-SA
	<ul style="list-style-type: none"> • Focused primarily on K12 market • Offers CC-aligned resources for Math and ELA; social studies offered, but aligned to NY standards. • Offers editable documents with some resources • Translations available with some resources • Allows for full-printing of modules • Scope and sequence provide • License: CC BY-NC-SA
	<ul style="list-style-type: none"> • Developed the math content for Engage NY • Can select "Free" and then subject (Math, ELA, History, but no free history resources available) • Standards alignment documents included • Forthcoming STEM product, <i>PhD Science</i> • Incorporates research and testimonials • License: CC NC-SA

 <p>EL Education</p>	<ul style="list-style-type: none"> • ELA focus, also connected with Open Up Resources • Includes OER for ELA K-8, Life Science 3-5, and SS 6th and 9th • Requires an account to access specific resources like assessments and keys • High volume of resources, with Word docs included for editability • Rated by EQuIP rubric • Can select grade level and then download whole grade, or individual units/pieces • License: CC BY for K-5 ELA, CC BY-NC-SA for 6-8
 <p>Louisiana Guidebooks</p>	<ul style="list-style-type: none"> • Focused on ELA for grades 3-12, full Guidebooks curriculum materials • Various OER under review at state level, mostly from OpenUp and IM • License: CC BY
 <p>Big History Project</p>	<ul style="list-style-type: none"> • Common-core aligned social studies resource focused for high school only • Totally open to the public, with separate tracks for teachers versus citizen learners • Well-organized resources for instructor implementation, including video-based training materials • License: Website states "You may copy or distribute the materials that appear on the Site only for non-commercial purposes, specifically, for research, teaching, learning, and other similar purposes."
 <p>CK-12</p>	<ul style="list-style-type: none"> • One of the most well-known K12 OER repositories • Variety of content modalities available including <i>FlexBooks</i>, <i>Simulations</i>, <i>Plix Interactives</i> • Standards alignments available • Integrations with Google, Canvas, and Schoology • One district in California used CK12 to build an 8th grade textbook replacement aligned to NGSS • License: CC BY-NC
 <p>Edmodo</p>	<ul style="list-style-type: none"> • Links users to CK12 to access content • Popular learning management tool and free accounts available to educators • License: Probably CC BY-NC since they link to CK12
 <p>Gooru</p>	<ul style="list-style-type: none"> • Features <i>Learning Navigator</i>, a customizable data analysis/student practice tool • Content database with a high population of resources • License: Depends on where the content originated.
 <p>Curriki</p>	<ul style="list-style-type: none"> • Online learning site for videos, lessons, teacher materials across all grade levels and modifiable/remixable • Hosts a library of 183K resources (number shown prior to searching for materials) • License: CC BY-NC

 <p>OER Commons</p>	<ul style="list-style-type: none"> • Google Classroom integration that works easily; select resource, then the GC logo, then assign from there. • Features standards alignment for CC, NGSS, PA, WY, and MD • Wide variety of content types offered: activity/labs, assessments, lesson plans, interactives • License: CC BY-NC-SA
 <p>Utah Education Network</p>	<ul style="list-style-type: none"> • Key offering of this site is a one-pager web page that lists many web-based OER collections • Offers PDFs of full textbooks with links to interactive activities, some of which were dead/broken when clicking on them, which represents a major thought point for K12 OER: ensuring that links are active/working • Aligned only to Utah standards, but potentially useful in other places depending on user needs • License: CC BY-NC-SA
 <p>Amazon Inspire</p>	<ul style="list-style-type: none"> • Features content, but unclear about Amazon's current intent to maintain or support into the future • Beta ending June 30, 2020, but resources available for access/download until then • License: Several, but perhaps CC BY-NC-SA
 <p>Workbench (Google)</p>	<ul style="list-style-type: none"> • Google-owned • <i>First released in 2015, the team behind Google Classroom initially focused its product development efforts to improve assignment workflow, says Jonathan Rochelle, a product management director at Google, in an interview. "But we also learned, in the background of our user research, was the complexity and time it takes to find great lesson content."</i> Source • License: Unsure; not listed
 <p>OpenSciEd</p>	<ul style="list-style-type: none"> • First comprehensive NGSS-aligned OER curriculum, starting with middle school • Multiple modules available now, with additional units released on a rolling basis through Winter 2022 • Offers supplemental print + kit resources and professional development for implementation of the program • Each module quality-tested and undergoes an 18-month development process • License: CC BY 4.0
 <p>iHub from University of Colorado Boulder</p>	<ul style="list-style-type: none"> • Open resource for high school biology aligned to the NGSS, with a Chemistry resource currently in development • There's also a STEM + Science + Computational Thinking course for middle school, also based in the NGSS • Everything accessible through Google Drive, so only a Google account is required • License: CC BY 4.0
 <p>PhET Simulations (also from UC Boulder)</p>	<ul style="list-style-type: none"> • Engaging simulation library friendly for upper-grades • Embedded presently within OpenStax textbooks • Many available in HTML5, but some still available only in Flash, which might present an access hurdle depending on the user's device • License: CC BY

 <p>Match Fishtank</p>	<ul style="list-style-type: none"> • Free K12 curriculum program, created and used by the Match Charter Public School based in Boston • Content available for: <ul style="list-style-type: none"> ◦ Science and Social Studies: K-5 ◦ ELA: K-12 ◦ Math: 3rd-HS Algebra I & II, Geometry • Comprehensive suite of teacher tools and online professional development • License: CC BY-NC-SA
 <p>CommonLit</p>	<ul style="list-style-type: none"> • ELA resource that includes a digital library and analytics • Aligned to Common Core, created by educators • Includes over 2,000 reading passages, available to teachers and students at no cost • Each passage includes support tools, like read-aloud, annotations, and more • License: CC BY-NC-SA 2.0
 <p>ChemCollective: Virtual Labs</p>	<ul style="list-style-type: none"> • Engaging collection of virtual labs, especially useful when in-class hands-on investigations may not be accessible. • Variety of labs and problems, and each comes with an introductory support video to prepare activity • Project has its roots at Carnegie Mellon, and is a recent winner of the Science Prize for Online Resources in Education (SPORE) • License: CC BY-NC-ND
 <p>Teachers Pay Teachers</p>	<ul style="list-style-type: none"> • Huge repository of teacher-created materials covering all grade levels and subjects • Signing up for an account is free, and although many resources are paid, they offer a bank of free resources as well <ul style="list-style-type: none"> ◦ Create account and scroll down on the left side of the screen, and at the Price filter, select "Free" ◦ After sorting by Free, can then use any of the other filters to isolate grade level, subject, standards, etc.
 <p>Mystery Science</p>	<ul style="list-style-type: none"> • Inquiry-based elementary science program that bases lessons off of student-friendly questions • Offers a subscription model, but includes a series of free lessons to navigate current school closures • Key benefit is that activities utilize materials that are most likely available at home already, or are easily accessible if purchase needed
 <p>Storyline Online</p>	<ul style="list-style-type: none"> • Website that offers a library of books read aloud by real people, which is a lot friendlier for students' comprehension and understanding instead of computer-generated text-to-speech • Each read aloud includes an activity as well • Uses YouTube and other media players for content to play
 <p>EduChange</p>	<ul style="list-style-type: none"> • Resources are entirely within Google Docs; documents are in folders and students contribute to documents, essentially "creating" their textbook • Focuses on big themes, real-world applications, and teaches concepts within those frameworks (i.e., clean air, cancer research, etc.) • Provides free materials & support to STEM teachers in Grades 8-12

 <p>POWERED BY  common sense®</p> <p>WideOpenSchool</p>	<ul style="list-style-type: none"> • User friendly with options to log in as either an instructor or a family • Curated resources from a variety of content providers, including Khan, Scholastic, Amplify, National Geographic, and PBS • Wide array of topics including all school subjects plus additional topics such as emotional well-being, English language learner support, and daily schedule preparation
 <p>Lessons That Matter</p>	<ul style="list-style-type: none"> • Master-teacher developed resources that integrate math and science • Professional development available as well • Statistics and Biology materials available; Statistics available currently but Biology access requires contact with creators
<p>k-12math.info</p> <p>k-12math.info</p>	<ul style="list-style-type: none"> • MERLOT 5 star sustaining Open Access educational resource • One of 25 global projects selected by UN members for the annual World Summit on the Information Society's (WSIS) e-learning award (2016 and 2018) • Provides over 6,500 links to a variety of free/open providers for the most common K-12 math terms and concepts
 <p>Epic!</p>	<ul style="list-style-type: none"> • Literacy website with access to free books for students, parents, and educators. • Offers an "unlimited" fee-based option, but unclear on the volume of free resources versus paid. • Engaging interface with many tools to support students' reading.

Have a resource that you would like to see included here? Please email details to k12@openstax.org, and we'll get back to you right away!