

# Resource List to Support Offline Distance Learning



<p><a href="#">Oregon Open Learning</a></p>	<p>Oregon Open Learning provides educators with a forum to locate, share, develop, and curate instructional materials across Oregon, the United States, and the world. Resources range from early learning, to math, to world languages. Educators who cannot locate an immediate group to join can create their own! A plethora of open-licensed resources, including entire sets of curricula that have been developed over multiple years, PreK-12, early literacy to Chinese, are available through Open Educational Resources (see, for example, <a href="#">Liberty Public Schools, MO</a>).</p>
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## Offline Pedagogical Practices and Approaches

Domain	Title	Description
Offline Pedagogy	<a href="#">Mindshift/14 Tips for Offline Learning</a>	Practical tips for connecting with students and families with low- and no-tech solutions.
Offline Pedagogy	<a href="#">School Virtually: Low Tech and No Tech Approaches to Digital Learning</a>	Overview of resources that can be used to design and deliver high quality instruction, with and without technology.
Offline Pedagogy	<a href="#">Alaska: Tech-Ops AK - Making Files Available Offline</a>	Guidance on preparing a computer or Chromebook for an offline student. Including steps and apps available to provide access to appropriate files or folders available for offline use.
Offline Pedagogy	<a href="#">Quality Matters Emergency Remote Instruction Checklist</a>	Guidance on how to set up for remote learning. There are references to online work; however, the considerations for how to move from face-to-face to remote are worth checking out.
Constructionism	<a href="#">Makerspace</a>	Learning based on making. The resources on this site assume a pre-COVID school environment, but can be adapted to a distance learning context.
Inquiry-based Learning	<a href="#">Exploratorium</a>	Primarily science-based resources; see " <a href="#">Science Snacks</a> " for projects broken down by subject.
Inquiry-based Learning	<a href="#">GeoInquiries</a>	Map-based activities in multiple content areas. Activities sometimes ask students to operate online maps with embedded features; activities could be adapted or pre-printed maps with relevant details could be supplied to students.

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Inquiry-based Learning	<a href="#">Open Middle</a> (K-12 Mathematics)	Resource provides printable story problems. The problems have been curated to prioritize process over procedure.
Inquiry-based Learning	<a href="#">Wonderopolis</a>	Questions across multiple instructional areas submitted by students on a variety of topics, such as, “What is a murder hornet?” which are available to print.
Inquiry-based Learning	<a href="#">First week of school</a>	Outline for inquiry-based first week of school. Assumes in-person learning; would need to be adapted for distance/offline learning.
Inquiry-based Learning	<a href="#">What’s Going On In This Picture?</a> <a href="#">What’s Going On In This Graph?</a>	Image-based inquiry activities that can easily be adapted to an offline environment.
Service Learning	<a href="#">Community Engaged Teaching</a>	Service learning adds relevance to learning by doing. Community partners will need careful consideration in a physically distanced environment.
Project-based Learning	<a href="#">Projects and resources</a> (see links at top of linked page)	Project-based resources for multiple content areas from <a href="#">PBLWorks</a> . Requires free registration. See also curricula from <a href="#">Lucas Education Research</a> .
Project-based Learning	<a href="#">City X Project</a>	A workshop for students 8-12 years old that incorporates math, literacy, and engineering and design.
Project-based Learning	<a href="#">Opening the World Through Nature Journaling</a>	In a set of nested exercises, students use games to gain confidence in drawing and writing as a way to gather information. Later, they employ these skills to put together a field guide, make treasure maps, and to write short stories and poems.
Project-based Learning	<a href="#">An Exploration of Data and Bias</a>	This unit will explore the concepts of bias and confirmation bias and how they affect people's presentation and interpretation of data. It includes 5 days of lessons and independent work that culminate in students being able to show what bias and confirmation bias are and how they affect the way we interpret data.

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Project-based Learning	<a href="#">Capstone Projects</a>	Capstone project ideas available for every grade level with options to support multiple content areas. (Requires a free account on ShareMyLesson.com to log in and access the lesson plan details.)
Project-based Learning	<a href="#">How to Create a Project Based Learning Lesson</a>	A step-by-step guide with project, benchmark, and rubric examples. See also supplementary information from the <a href="#">Center for Teaching Innovation</a> .

## Instructional Area Content Resources

Domain	Title	Description
Science	<a href="#">Storylines</a>	Includes lessons that help explain phenomena or solve problems. A storyline provides a coherent path toward building disciplinary core idea and crosscutting concepts, piece by piece, anchored in students' own questions.
Science	<a href="#">Teach Engineering</a>	TeachEngineering is a library comprised of standards-aligned engineering curricula for K-12 educators to make applied science and math come alive through engineering design.
Science	<a href="#">#Going 3D- Gathering, Reasoning and Communicating</a>	These lessons utilize local phenomenon and are organized by grade level. By organizing instruction around local phenomenon, students are provided with a reason to learn shifting the focus from learning about a disconnected topic to figuring out why or how something happens.
Science	<a href="#">Smithsonian Science Resource Center - Distance Learning</a>	Includes some science activities that can be provided offline.
STEM	<a href="#">STEM: Home Exploration</a>	Source: GOSTEM Hub. Explorations are designed for home-bound students. They are literature, history, or issue based, use hands-on materials available around the house, and are STEM rich.
STEM	<a href="#">Hands on STEM at Home</a>	Source: Columbia Gorge STEM Hub. Activities normally run in after-school Maker Club programs, adapted so you can do them at home with your children! We've also included a few other great resources.

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STEM	<a href="#">STE(A)M Unplugged: Explore your world, Design your world Activity Book</a>	Enjoy an entire week of STEM exploration at home!
STEM	<a href="#">Activities for Learning at Home</a>	Source: Oregon Coast STEM Hub. STEM Resources for Families.
STEM	<a href="#">Student Explorations in Mathematics</a>	Deep activity and resource list; requires NCTM membership to access.
Literacy/ Language Arts	<a href="#">Remote Literacy Learning Overview</a>	Turn every day experiences into literacy learning opportunities using household items.
Literacy/ Language Arts	<a href="#">Remote Literacy Learning Coaching Steps for Families</a>	Coaching steps for engaging families as partners.
Literacy/ Language Arts	<a href="#">Including Literacy Related Activities in the Daily Schedule</a>	Literacy focus on daily activities.
Art	<a href="#">Arttango K-5 Art Education</a>	Free art lesson projects for your K-5th grade. 30 art education projects per grade for a total of 180. These lessons cover line, shape, color, and all the elements of art.
Art	<a href="#">KinderArt</a>	Art lesson plans, art ideas, craft activities and information for teaching children of ALL ages. All FREE. Lessons are categorized by technique or discipline.
Drama	<a href="#">Free Drama Lessons</a>	Classroom Lesson Plan Ideas
Social Sciences	<a href="#">Teaching Strategies &amp; Considerations for Online Learning</a>	Facing History and <a href="#">Teaching Tolerance</a> offer FREE guidance on teaching “Hard History” online.
History	<a href="#">Oregon Historical Society</a>	A number of exhibits are available online with comprehensive teaching guides. Students can explore the history of Oregon including Tribal History, Racial History, and the struggle for the 19th Amendment.
History	<a href="#">Teaching American History</a>	Includes multiple downloadable documents that speak to government, policy, and civics.

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History	<a href="#">Stanford History Education Group “Reading Like a Historian”</a>	Part of the SHEG collection of lessons based on primary sources in World and U.S. History. Short and meaningful DBQs are also available in <a href="#">Beyond the Bubble</a> .
History	<a href="#">Zinn Education Project</a>	Searchable collection of history and justice lessons, adaptable for offline use.
Civics	<a href="#">The Classroom Law Project Remote Learning Resources</a>	Offers student programs, professional learning, and resources related to civics, the legal system, and society.
Civics	<a href="#">The Bill of Rights Institute</a>	Downloadable and printable PDFs of lessons, materials, handouts, primary sources etc.
Geography	<a href="#">National Geographic Resources</a>	Search by Grade Level K-12 and by content type.
Geography	<a href="#">Portland State’s Center for Geography Education in Oregon</a>	Provides professional learning, instructional materials, resources, and technical support for educators around geography (check their social media presence for resources and connections).
Economics and Financial Literacy	<a href="#">EconEd</a>	Lessons and resources K-12 for economics and financial literacy. Search by topic, grade level, AP/IB. Free access with a created account.
Economics and Financial Literacy	<a href="#">Financial Beginnings</a>	Provide free materials to educators upon request.
Music/Dance	<a href="#">TeachRock</a>	K-12 resources for music that are in downloadable packets (and are often cross-curricular, including math, social sciences, etc.).
Music/Dance	<a href="#">Education Through Music: Distance Learning Resources</a>	Resources in multiple modes on making music at home, tips, lessons, music history, and more (video lessons can be downloaded and shared via tablet or USB, DVD, etc.).
World Languages	<a href="#">ACTFL Resource Page</a>	Strategies and Guidance for World Language Educators

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World Languages	<a href="#">Center for Open Ed Resources and World Language</a>	Clearinghouse for Learning materials and websites for World Languages including Spanish, French, German, Chinese, Japanese, Arabic, and Russian
Physical Education	<a href="#">SHAPE AMERICA - English Take Home Packet</a>  <a href="#">SHAPE AMERICA - Spanish Take Home Packet</a>  <a href="#">SHAPE AMERICA COVID19 Resources</a>  <a href="#">Secondary Health and PE packets</a>	<p>The Ready to Go Take Home Packet is designed for teachers to download so they have a collection of ready to use activities that they do not have to spend time searching for.</p> <p>The secondary activities in this packet do not require internet and include physical education and health education that are designed to be done over the course of a week.</p>
Health Education	<a href="#">SHAPE AMERICA The-Daily-Big-3</a>  <a href="#">SHAPE AMERICA - Spanish The Daily Big 3</a>  <a href="#">SHAPE AMERICA COVID19 Resources</a>  <a href="#">Secondary Health and PE packets</a>  <a href="#">Comprehensive Distance Learning: Erin's Law Toolkit for Districts</a>	<p>The Ready to Go Take Home Packet is designed for teachers to download so they have a collection of ready to use activities that they do not have to spend time searching for.</p> <p>The secondary activities in this packet do not require internet and include physical education and health education that are designed to be done over the course of a week.</p> <p>The Comprehensive Distance Learning Erin’s Law Toolkit offers at least 4 lessons per grade band, with offline activities and adaptations included.</p>
CTE	<a href="#">Oregon Open Learning</a> (see CTE Group)	The CTE Group can be accessed from the Oregon Open Learning provides openly-licensed resources that can be shared, revised, and adapted for local purposes.

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All Instructional Areas	<a href="#">Chromebook Features and Apps that work Offline</a>	Multiple Google resources and applications that will work on Chromebooks offline, from productivity to typing.
All Instructional Areas	<a href="#">Science Leadership Academy Units</a>	A large database of unit and lesson plans adaptable to offline learning, sorted by subject.

## Offline Distance Learning Articles & Videos

Domain	Title	Description
Article	<a href="#">Using Radio, Music, and Cooking to Support Learning</a>	Students in New South Wales, Australia, are being reached offline in creative ways.
Article	<a href="#">Delivering Lessons to Aboriginal Student Homes</a>	Teachers are delivering hard copy lessons and units to students to their homes, while maintaining physical distancing.
Article	<a href="#">Music (sound) education at a distance: A case for the offline during this online push</a>	Includes ideas that teachers can use for students engaging in music offline.
Article	<a href="#">Low Tech and No Tech Approaches to Distance Learning</a>	Includes ideas and practices for meeting student needs with flexible solutions.
Video	<a href="#">Distance Learning with Common Sense: Low- and No-Tech Resources For All Learners</a>	Presents ways to engage students with little or no technology. A technology coach and computer teacher share creative learning activities. They showcase how interactive scavenger hunts, games, and more will keep students learning.
Video	<a href="#">EDU in 90 - Google Suite Uses, Including Offline Contexts</a>	How-to videos that show ways of leveraging the Google Suite, including how to set up the Google Suite to be available to students offline.

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## Offline Distance Learning Research

<a href="#"><u>Researched Strategies for Supporting Offline Distance Learning</u></a>	Students can access instruction in a robust manner, but it requires flexibility and adaptation on the part of educators and families.
<a href="#"><u>Australia Association for Research in Education - a Century of Distance Learning</u></a>	Summary of Australia’s experience over the past century providing distance learning.