

Full-course, Textbook, or Unit Open Educational Resource Options for District Consideration

SCIENCE

Grade Band	Developer <i>org. or district</i>	License	Obtain Materials <i>fees involved for different delivery platforms</i>	Comments
K-12	Next Generation Science Storylines	CC BY	Next Generation Science Storylines website	<p><i>Use: Not a full course but very robust lessons, that include teacher guide, materials list, and student activity sheets</i></p> <p><i>Delivery options: online viewing, PDF download</i></p> <p><i>Professional learning: Tools for Creating and Working with Storylines</i></p>
K-12	CK-12	CC BY NC	CK-12 Science Flexbooks	<p><i>Delivery options: online viewing, digital platform, some PDF download</i></p> <p><i>Professional learning: CK-12 Certified Educator Program</i></p>
K-12	Going 3D Project	CC BY SA	Phenomenal GRC (Gather, Reason, Communicate) Lessons	<p><i>Use: Not a full course but very robust lessons</i></p> <p><i>Delivery options: Google docs</i></p> <p><i>Professional learning: GRC Lesson Resources</i></p>
K-5	University of Northwest Iowa	unclear	Assist Science	<p><i>Use: Not a full course but very robust lessons - 4th and 5th grade are still being added to should be finalized around Dec. 2020</i></p> <p><i>Delivery options: Google docs</i></p> <p><i>Professional learning: Dialogic talk moves and strategies</i></p>
1-5	Match Education	CC BY NC SA	Match Fishtank Science and Social Studies	<p><i>Delivery options: online viewing, PDF download</i></p> <p><i>Professional learning: Match Fishtank Teacher Tools</i></p> <p><i>Paid support and additional resources: Fishtank plus</i></p>

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3-12	Utah State Office of Education	CC BY NC SA	Utah Education Network website	Textbooks adapted from CK-12 Research: The Impact of Open Science Textbooks on Secondary Learning Outcomes
3-5	Core Knowledge Foundation	CC BY NC SA	Core Knowledge Science (CKSci™)	Delivery options: downloadable PDF, print purchase Professional learning: free professional development kits and resources, paid school-based training and leadership institutes
5-12	iLearn Collaborative	CC BY SA	Digital Content Warehouse	Modest membership fees apply.
6-8	OpenSciEd	CC BY	OpenSciEd (pdf) Kendall Hunt (print) AquaPhoenix (kit coming soon)	Use: 3 units available now, more coming soon Delivery options: online viewing, PDF download, print purchase Professional learning: Professional Learning Materials
6-8	Stanford Graduate School of Education	Varies by unit some CC BY ND some CC BY NC	Stanford SCALE website	Delivery options: PDF download Professional development opportunities
6-12	University of Connecticut	Unclear - Trying to reach out for clarification	Secondary Science Modules	Use: Not a full course but very robust lessons Delivery options: online viewing, PDF download
9-12	Portland Metro STEM Partnership - Patterns High School Science Sequence	CC BY NC SA	Patterns website Physics, Chemistry, Biology	Delivery options: Google docs Professional learning Educator workshops

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AP Biology	OpenStax	CC BY	OpenStax website	<i>Use: full course designed to meet and exceed the requirements of the College Board's AP® Biology framework</i> <i>Delivery options: online viewing, PDF download, smartphone app, Kindle download, print purchase</i>
AP Environmental Science	George Lucas Research Foundation	CC BY	Sprocket website	<i>Delivery options: available as a free open education resource to educators, instructors, and administrators. Sprocket is designed for teacher access only and is not open to students. Access by request..</i>
AP Physics	OpenStax	CC BY	OpenStax website	<i>Use: full course designed to meet and exceed the requirements of the College Board's AP® Physics framework</i> <i>Delivery options: online viewing, PDF download, smartphone app, Kindle download, print purchase</i>
Biology	Denver Public Schools, University of Colorado Boulder, Northwestern	CC BY	InquiryHub HS Biology	<i>Use: full course</i> <i>Delivery options: online viewing, PDF download</i>



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