



CSDE Model Curricula Quick Start Guide

Using Science 6-8

Connecticut's public digital library of open educational resources by and for teachers

Volume 4 | Connecticut State Department of Education | June 2022

Locating the course supports:

1. **OpenSciEd Demo Video**
How the course is set up
2. **OpenSciEd Scope and Sequence**
How to use the OpenSciEd curricula
3. **Resource Library**
Select to find the link to OpenSciEd

The screenshot shows the GoOpen CT interface for 'Connecticut Model Science for Grade 6'. The page includes a navigation bar with 'Discover', 'Hubs', 'Groups', and 'Learn More' menus, along with an 'Add OER' button. The main content area features a 'Save' button, a 'Details' tab, and a 'Resource Library' tab. The 'Resource Library' tab is highlighted with a red arrow. Below the tabs, there is a 'Subject' field (Life Science, Physical Science, Space Science), a 'Material Type' field (Full Course), a 'Level' field (Middle School), a 'Grade' field (6), and a 'Provider' field (CT State Department of Education). A 'Tags' section is also visible, with an 'Add New Tag' input field and an 'Enter' button. A 'Show More' link is located at the bottom right of the page.

Selecting the Unit for access to OpenSciEd:

1. **Select a Unit**
The unit will open, and the unit summary will be on the right along with the resource library
2. **Select the resource Library**
Select "View" to be taken to the OpenSciEd site to access the curricula.

The screenshot shows the GoOpen CT interface for 'Connecticut Model Science for Grade 6 - 6.1 Light and Matter'. The page includes a navigation bar with 'Discover', 'Hubs', 'Groups', and 'Learn More' menus, along with an 'Add OER' button. The main content area features a 'Student View' button, a 'Save' button, and a 'View' button. The 'View' button is highlighted with a red arrow. Below the 'View' button, there is a 'Resource Library' section with a '6.1 Light & Matter' entry. The 'Unit Summary' section on the right provides a brief overview of the unit, stating: 'How does a one-way mirror work? Though most everyone knows that one-way mirrors exist, having students model how they work turns out to be a very effective way to develop their thinking about how visible light travels and how we see images. Initial student models in this 6th grade light and matter science unit reveal a wide variety'.

Frequently Asked Questions:

Q: Do I have to register for OpenSciEd?

A: Yes, if users want to download the full program at no cost.

No, if the user wants to access the resources from the web. OpenSciEd is made possible because of the generosity of philanthropic partners. As an Open Education Resource (OER), the foundation is responsible for this initiative and interested in the impact of their funding, and asks that we provide data regarding the number of teachers registering to access OpenSciEd.

Q: Can I download the unit on OpenSciEd?

A: Yes, you can download units. When on the OpenSciEd website, select the "Instructional Materials" tab, then scroll and choose "Access the Instructional Materials". Once on the Access the Instructional Materials web-page the user clicks the unit they want to download and selects the orange "Download Unit" tab.

Q: Can I print the unit on OpenSciEd?

A: Yes. When the user selects the "Download Unit" tab for the selected unit, the user will then choose the "Download Print-Ready PDFs" tab to print.

Q: How can I access the CSDE, NGSS interim assessment blocks (IAB's)?

A: To register, one must go through your district test coordinator to create an account to access the materials at: [Smarter Balanced Interim Assessments](#)

Q: Is there a help center for GoOpenCT if I want to learn more?

A: Yes, there is a help center for GoOpenCT if you want to learn more. When on the GoOpenCT homepage there are four headings along the top. Select the "Learn More" to find the [Help Center](#).

Q: Is there a help center for OpenSciEd if I want to learn more?

A: Yes, there is a help center for OpenSciEd. OpenSciEd is committed to supporting the teaching and learning of NGSS science. One of the best resources is the [FAQ page](#) on the OpenSciEd website.

Q: If I choose to use OpenSciEd as my district's curricula, will my students be prepared for the NGSS summative assessment?

A: Yes, students will be prepared for the NGSS summative assessment. The CSDE Academic Office reviewed and evaluated the alignment of OpenSciEd content to the Next Generation Science Standards (NGSS) and assessment blueprints. OpenSciEd has

earned the highest NGSS Design Badge for vetted materials which should prepare ALL students for any NGSS assessments.

Q: Can I modify the OpenSciEd unit?

A: Yes, users can modify any OpenSciEd units. Before making decisions to modify or adapt, users should consult local curriculum leaders to understand the district curriculum development process. The process for implementation of the CSDE K-8 model curricula is a local decision.

Q: Can I teach the units out of order?

A: Yes. Suggested sequencing of units has been established by OpenSciEd. However, these decisions should be made at the local level. It is critical to ensure that the progression of science concepts is maintained if units are moved. Therefore, local curriculum leaders should assist in developing district implementation plans.

Q: Do I have to use all the assessments provided?

A: No, this is a model curriculum. Assessment decisions and implementation should be done at the local level using data and evidence to determine the best measures of student learning outcomes.

Q: Does OpenSciEd offer professional Learning?

A: Yes, OpenSciEd offers professional Learning. Please visit [Professional Learning Services - OpenSciEd](#) to see what services are offered.

Q: Does OpenSciEd provide lesson plans for each unit?

A: Yes, OpenSciEd provides lesson plans for each unit. OpenSciEd provides lesson level materials under the "Instructional Materials" tab.

Q: What if I don't have time to complete all the units?

A: The course is aligned to grade level standards through the completion of all units. If all units are not completed, grade level standards may be compromised; therefore, local curriculum leaders should assist in developing an implementation plan to ensure that all students have access to all grade level standards, and the major work of the grade is the focus.

Q: What if I have question regarding science content or instruction?

A: Please email [Ronald Michaels](#), K-12 science education consultant.

Q: What if I have questions about CSDE NGSS Assessments?

A: Please email [Jeff Greig](#), science assessment consultant.