



CSDE Model Curricula Quick Start Guide

Computer Science K-5

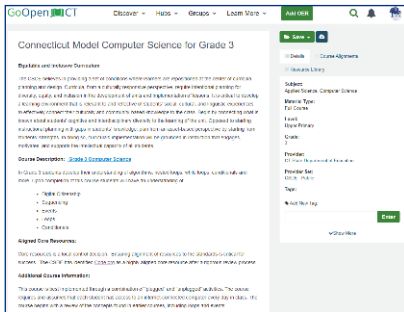
Connecticut's public digital library of open educational resources by and for teachers

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Key Components

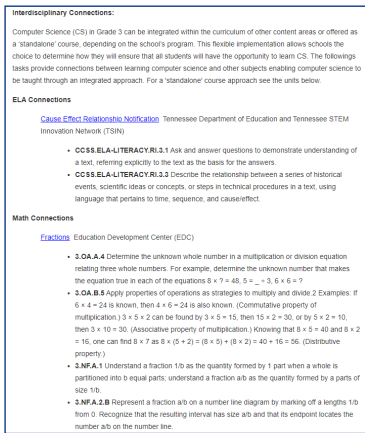
Course Description:

Overview of the entire course.



Interdisciplinary Connections:

All students should have the opportunity to learn computer science. These tasks provide connections between learning computer science and other subjects enabling computer science to be taught through an integrated approach.



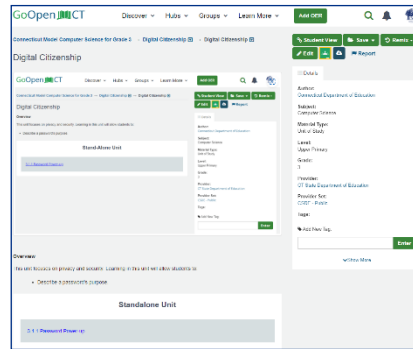
Unit:

A list of lessons will appear when selected.



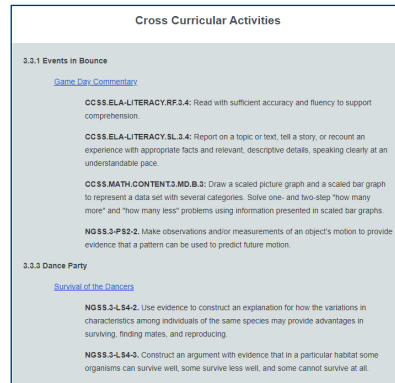
Lesson:

Lesson 0 provides the full unit layout when selected.



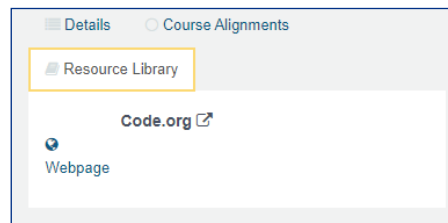
Cross Curricular Activities:

These tasks provide an opportunity for students to reinforce learning of computer science and other subjects following implementation of standalone units.



Resource Library:

Resources for teachers.



Frequently Asked Questions:**Q: Can I download the unit?**

A: Yes. Select the cloud icon with the arrow pointing down on the right-hand side of the screen to generate a PDF version of the unit.

Q: Can I print the unit?

A: Yes. The unit will need to be downloaded first and then the unit(s) can be printed.

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

A: Yes. On the GoOpen CT homepage, there are four headings along the top. Select "Learn More" to find the [Help Center](#).

Q: Why are Interdisciplinary Connections included in the course overview?

A: Computer science at the K-5 level can be implemented through standalone units or embedded into other subject areas. These tasks provide opportunities for the implementation of an integrated approach to computer science education. This is particularly beneficial when local structures do not provide opportunity for the implementation of standalone units or have limited capacity for computer science instruction.

Q: Do I have to use the Cross Curricular Activities?

A: No. These activities extend learning by integrating computer science with other content areas. They are not required to meet the standards addressed in the standalone units. Decisions on the use of these activities should be determined at the local level.

Q: Can I modify the unit?

A: Users cannot modify the CSDE designed Courses and Units published in GoOpen CT. Users should consult local curricular leaders to understand the district curriculum development process before making decisions to modify or adapt. 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: Sequencing of units can be done at the local level.

Q: What if I find an error in the computer science model curriculum?

A: Please email Jennifer.Michalek@ct.gov the computer science education consultant.

Q: Do I have to use the end of course assessment?

A: No. Assessment decisions and implementation should be done at the local level.

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

A: It is recommended that 20 hours of computer science education occur in each grade K-5 to attend the computer science standards adopted by the State Board of Education.