SKILLS MAP

Skills Map and Standards

This map shows what students learn each day and the standards each day connects to. A day practices part of each standard, not all of it. Under each code, "This day" says what that day does toward it; the standards' own wording is in the table under the map. Every code was checked against its official source on October 17, 2026.

What students learn, and the standards it connects to

Day	What students learn	Standards it connects to	Where students do it
Day 1	Explain that a program is a list of steps, and predict the exact output of `print()` lines that run from top to bottom.	**FL 18.03** *This day:* Develop a program using sequential algorithms, predicting the output of `print()` lines that run in order.	The Day 1 activity, Predict the Output, and the exit ticket.
Day 2	Write `print()` lines in a code editor, match the Example output exactly and explain code with comments.	**FL 18.03** *This day:* Develop a program using sequential algorithms that print lines exactly as shown.	First Words (on paper, or CodeGrove's First Words level) and its questions.
Day 3	Lay out a sign with empty `print()` lines, symbols and spaces inside quotes, with a comment above each section.	**FL 18.03** *This day:* Develop a program using sequential algorithms that lay out output line by line.	Sign Maker (on paper, or CodeGrove's Sign Maker level) and its questions.
Day 4	Use a matching pair of quotes, put text with an apostrophe in double quotes and write a short program that prints exactly.	**FL 18.03** *This day:* Develop a program using sequential algorithms, with strings that print exactly.	Field Trip Flyer and the lesson quiz.

Standard	Its official wording
FL 18.03	Develop a program using sequential algorithms.

Your state's standards

The steps under "Use AI to find your state's standards" show how to fill in this table.

Day	What students learn	Your state's code	Your state's wording
Day 1	Explain that a program is a list of steps, and predict the exact output of `print()` lines that run from top to bottom.		
Day 2	Write `print()` lines in a code editor, match the Example output exactly and explain code with comments.		
Day 3	Lay out a sign with empty `print()` lines, symbols and spaces inside quotes, with a comment above each section.		
Day 4	Use a matching pair of quotes, put text with an apostrophe in double quotes and write a short program that prints exactly.		

Sources. Florida Department of Education, course framework for 9007210 Foundations of Programming, 2026-27.

Use AI to find your state's standards

An AI chat tool can find the standards in your state that match this lesson. Follow these steps.

1. Select all of the text in the box below, and copy it.
2. Open an AI chat tool that your school allows, such as ChatGPT, Gemini, Copilot or Claude.
3. Paste the text into the chat. At the very end, type your state and your course. For example, type: Texas, Computer Science I.
4. Send the message. The AI will make a table of the standards in your state that match this lesson.
5. Check each code on your state's official standards website before you use it. AI tools can make mistakes.
6. Write the codes that you checked in the "Your state's standards" table.

Copy everything inside this box.

I am a teacher. Please help me match a lesson I teach to my state's standards.

The lesson is called Your First Program. It's a 4-day computer science lesson for grades 9-12.

Below is what students do in this lesson and the standards it connects to. The codes come from these standards: the Florida course framework for Foundations of Programming (9007210, 2026-27).

Day 1: Explain that a program is a list of steps, and predict the exact output of `print()` lines that run from top to bottom. The Day 1 activity, Predict the Output, and the exit ticket. This matches FL 18.03.

Day 2: Write `print()` lines in a code editor, match the Example output exactly and explain code with comments. First Words (on paper, or CodeGrove's First Words level) and its questions. This matches FL 18.03.

Day 3: Lay out a sign with empty `print()` lines, symbols and spaces inside quotes, with a comment above each section. Sign Maker (on paper, or CodeGrove's Sign Maker level) and its questions. This matches FL 18.03.

Day 4: Use a matching pair of quotes, put text with an apostrophe in double quotes and write a short program that prints exactly. Field Trip Flyer and the lesson quiz. This matches FL 18.03.

Please do these steps.

1. Find my state's current official standards for my course. If you can search the web, use my state's department of education website, and give me the link. If you can't search the web, tell me, and I'll paste my state's standards.

2. If my course has no standards that match, look in my state's computer science and technology standards. Tell me which ones you used.

3. Choose only the standards that truly match what students do in this lesson.

4. Make a table with four columns: Day, State code, What the standard says and How strong the match is. In the last column, write strong or partial.

5. Never make up a code. If you're not sure about a code, say so.

If I didn't type my state and my course at the end, ask me for them before you start.

My state and my course: