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 November 10, 2026.

What students learn, and the standards it connects to

Day	What students learn	Standards it connects to	Where students do it
Day 1	Name the parts of a Java program: the class, the `main` method, braces, statements, semicolons and comments. Print text with `println` and `print`, and say what `args` holds.	**FL 27.05** *This day:* Break a program into its parts: the class, the `main` method and the steps inside it.	The Day 1 activity, What's in args?, the try-it and the exit ticket.
Day 2	Explain that Java compiles the whole file before it runs, and fix compile errors by the line the error message names.	**FL 27.05** *This day:* Break a broken program into steps: read the error, find the line, fix it and compile again.	The Day 2 lab, Receipt Printer, and the exit ticket.
Day 3	Fix a program with two compile errors, one at a time, and show every skill on the quiz.	**FL 27.05** *This day:* Break a fix into steps: fix the first error, compile, then fix the next one.	The applied task and the lesson quiz.

Standard	Its official wording
FL 27.05	Decompose a problem by defining new functions and classes.

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	Name the parts of a Java program: the class, the `main` method, braces, statements, semicolons and comments. Print text with `println` and `print`, and say what `args` holds.		
Day 2	Explain that Java compiles the whole file before it runs, and fix compile errors by the line the error message names.		
Day 3	Fix a program with two compile errors, one at a time, and show every skill on the quiz.		

Sources. Florida Department of Education, 2026-27 framework for the Computer Science Principles program (9007600), course 9007230 Advanced Programming. The codes use this program's numbers.

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 Java Program. It's a 3-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 2026-27 framework for Advanced Programming (9007230) in the Computer Science Principles program (9007600).

Day 1: Name the parts of a Java program: the class, the `main` method, braces, statements, semicolons and comments. Print text with `println` and `print`, and say what `args` holds. The Day 1 activity, What's in args?, the try-it and the exit ticket. This matches FL 27.05.

Day 2: Explain that Java compiles the whole file before it runs, and fix compile errors by the line the error message names. The Day 2 lab, Receipt Printer, and the exit ticket. This matches FL 27.05.

Day 3: Fix a program with two compile errors, one at a time, and show every skill on the quiz. The applied task and the lesson quiz. This matches FL 27.05.

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: