AP® Computer Science: Unit 7 Checklist

Getting Started with Arrays
☐ I created the three unit 7 subfolders: Documents, Lessons, and Assessments.
☐ I printed the Unit 7 Checklist.
☐ I have made a list of five examples of modular organization.

The Math Class
☐ I understand how to use the Java Math Class API.
☐ I can use the **abs()**, **pow()**, and **sqrt()** methods.

Defining New Static Methods: Part 1
☐ I understand the concept of top-down design.
☐ I understand the concept of procedural abstraction.
☐ I can write method declarations.

Defining New Static Methods: Part 2
☐ I can apply top-down program design.
☐ I can apply procedural abstraction.
☐ I can identify the individual components of a method header.

Defining New Static Methods: Part 3
☐ I now regularly use comments to document parts of my programs.
☐ I can explain the basic purpose of the **main()** method.
☐ I know the shortcut for declaring multiple variables.
☐ I can distinguish between a method header and a method signature.

Challenge Program
☐ I can write programs in top-down design format.
☐ I can apply procedural abstraction to create methods.
☐ I can explain what pi represents.

Checkpoint
☐ I have amazed myself with how much I know about programming so far!
☐ I am on pace.
☐ I am ready to move on to unit 8.