

# Code and Develop Games with Java

Locations for this course

**AGES:** 13 – 17 (Must turn 13 by 12-31-18)

**SKILL LEVEL:** Beginner–Advanced

**PATH:** Coding, Game Development

**EXPERIENCE:** iD Tech Camps | Weeklong

**PREREQUISITE:** See course description

**TOOLS:** Java, Processing, Eclipse



## Code and Develop Games with Java

**Course Description**  
Create games and discover the intersection of coding and visual arts! You'll learn Java, one of the world's most widely used and indispensable programming languages, and use the Processing library to add graphics to your own arcade games. Dive into the art of game creation and build a portfolio colleges will notice.

Proficiency in algebra: knowledge of variables, integers, and absolute values, and ability to evaluate algebraic expressions using order of operations and the distributive property.

Locations for this course

**In this course, your student will:**

- Code games in Java
- Identify variables, data types, classes, and constructors
- Create graphics using Processing
- Solve programming challenges with logic and code skills

**Your student will take home:**

- Project files

Click the button below to continue, or learn more about our [Game Development](#) and [Coding](#) Paths.

Locations for this course



## Locations offering this course

**Global Locations**

- > Hong Kong
- > Singapore

**US Locations**

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- > California – Northern
- > California – Southern
- > Colorado
- > Connecticut
- > Florida
- > Georgia
- > Illinois
- > Indiana
- > Kentucky
- > Maryland
- > Massachusetts
- > Michigan
- > Minnesota
- > Missouri
- > Nevada
- > New Hampshire
- > New Jersey
- > New York
- > North Carolina
- > Ohio
- > Oregon
- > Pennsylvania
- > Tennessee
- > Texas
- > Vermont
- > Virginia
- > Washington
- > Washington D.C.
- > Wisconsin

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**CONTACT US**

1-888-709-8324  
1-408-871-3700

**Monday: 5am–4pm PST**  
**Tuesday: 5am–5pm PST**  
**Wednesday–Friday: 6am–5pm PST**  
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