

HOUR OF CODE - Learning Resources

Beginner:

Star Wars (Blocks)

<https://studio.code.org/s/starwarsblocks/stage/1/puzzle/1>

Tynker

<https://www.tynker.com/hour-of-code/>

Grades 3+

- ScavengerHunt
- MusicVideo
- HotWheels-ObstacleCourse
- HotWheels-HacktheTrack
- STEM-EcologicalPyramid

Grades 6+

- CodeCommander
- CodeMonsters
- STEM-SolarSystem

Scratch

<https://scratch.mit.edu/hoc/>

- AnimateYourName
- Hide-and-SeekGame
- Dance,Dance,Dance

Minecraft

<https://code.org/mc>

Frozen

<http://static.studio.code.org/>

Angry Birds

<http://static-hoc.studio.code.org/?s=hoc>

Lightbot (K-2+)

<http://lightbot.com/hoc2014.html>

Mystery Island Coding Quest

http://monstercoding.com/#hour_of_code

Run Marco

<https://www.allcancode.com/web/hourofcode>

Flappy Birds

<http://studio.code.org/flappy/1>

Code Combat

<http://codecombat.com/play>

Play Lab

<https://studio.code.org/s/playlab/stage/1/puzzle/1>

Karel the Robot

<https://hoc.nclab.com/karel/>

Intermediate (MS/HS)

Star Wars - Building a Galaxy with Code (javascript)

<https://studio.code.org/s/starwars/stage/1/puzzle/1>

CodeMonkey

<https://www.playcodemonkey.com/challenges/0>

Program a Virtual Robot

<https://www.robomindacademy.com//go/navigator/storylines?course=HourOfCode>

Codesters

<https://www.codesters.com/HoC/>

- DanceMoves
- TurtleDrawing
- WinterGreetings
- FlappyBike
- DreamSequence
- TransformationPuzzlesBasketball

Drawing with Code

<http://hello.processing.org/>

iPhone App Game

<http://hoc.makeschool.com/build-an-iphone-game-in-your-browser/>

Introduction to JavaScript

<https://www.khanacademy.org/computing/hour-of-code/hour-of-code-tutorial/v/welcome-hour-of-code>

http://hoc.codehs.com/hoc_editor.html#course=16#module=103#item=39776

<https://www.codecademy.com/courses/hour-of-code-en/0/1> <https://www.codeavengers.com/javascript/17>