Social Studies Self-Tutorials for Students

Vidcode: Code the News
Vidcode
Grades 6+ | JavaScript

It's the HOC News! Videos and graphics are all about tech, diversity, kids, and coding. Finished projects can be uploaded to school website as the report on the HOC itself. Teachers can encourage students to use the news to report on what they learned, or a statistic for their school. "Breaking News: 400 students at Roosevelt participate in the Hour of Code"

Start

https://hourofcode.com/vidnews

Teacher notes: https://www.vidcode.com/hour-of-code-resources
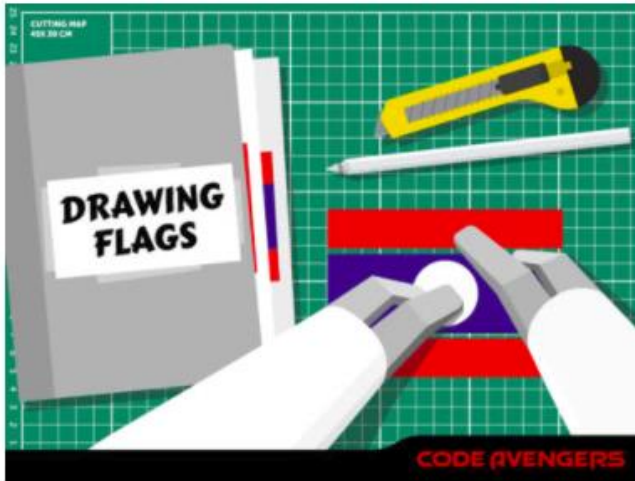
Flags of the World (Python Turtle)
Grok Learning
Grades 6+ | Python

This activity is designed to give you your first experience programming, and has been specially designed for the Hour of Code. Use the programming language Python and its turtle module to draw flags from around the world!

Start

https://hourofcode.com/grokflags

Teacher notes: https://groklearning.com/hoc/activity/flags/lesson-plan/

Drawing Flags with JavaScript

Code Avengers

Grades 6+ | JavaScript

Drawing with JavaScript is easier than you might think. Learn more about the flags of the world as you draw flags for each level that increase in complexity. Learn about shapes, coordinates, and colors as well as the importance of sequence in coding.

Start

https://hourofcode.com/cajava

Mihi Maker

Gamefroot

Grades 9+ | Blocks

Kia ora! In this activity you will code your own mini-game and learn how to introduce yourself in Te Reo Maori - the indigenous language of New Zealand. Mihi Maker is a fun easy to use activity that combines coding, social studies and indigenous culture. You will learn how game designers program basic collision detection algorithms. Collision detection is a program used by a computer to help it understand when two objects will hit into each other. Gamefroot Hour of Code tutorials use a visual programming language using blocks where students simply drag and drop visual blocks to write code.

Start

https://hourofcode.com/gfmihi