

# Introduction to Vidcode

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### EVERYONE CAN CODE!

Let's be **MAKERS** of technology **NOT** just users of technology!

Code Stars [[full length 9:34](#)] [[mid-length 7:53](#)] [[short 5:43](#)] [[teaser 1:00](#)]

- Programming means giving instructions to a computer in a language it can understand.
- JavaScript is one programming language.
- The syntax of a programming language matters.
- The order of my code matters.

### VIDCODE [<https://vidcode.makematic.com/>]

- Students code creative projects using JavaScript in an online code editor - no downloads required
- Great next step after block-based tools like Scratch
- Built for teachers with little to no prior programming experience
- Scaffolded courses with over 300 open-ended coding projects for students
- Track and see graded student work. Based on four years of teacher feedback and usage.
- **PROMO CARD**

### BASIC SYNTAX

Javascript is case sensitive

;  
Each statement ends with a semicolon

//  
This allows you to add comments to your code that the compiler/browser ignores  
parentheses are used around parameters

### PROGRAMMING PRINCIPLES

- Variables
- Properties
- Loops
- Conditional Statements (If/Else)
- X,Y coordinates

### SESSION PROJECTS

1. Greeting Card
2. Slideshow
3. Animation
4. Tutorial of Choice

### POSSIBLE CLASSROOM APPLICATIONS

- Slideshows
- Flash Cards
- PSA