

# What is Computer Science?

*Learning to think in a logical, systematic way!*

Beginning in 1st Grade our elementary school kids get exposure to coding through Hour of Code.



*"Everybody in this country should learn how to program a computer... because it teaches you how to think."*

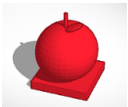
*- Steve Jobs*

## Why teach Computer Science in Middle School?

*Before our kids get to high school they will all have had exposure to a new subject and potential career choice! If we wait until high school for them to choose their electives, kids who have never had exposure to programming and technology may miss an opportunity!*

*How about a little*

*3D Technology?*

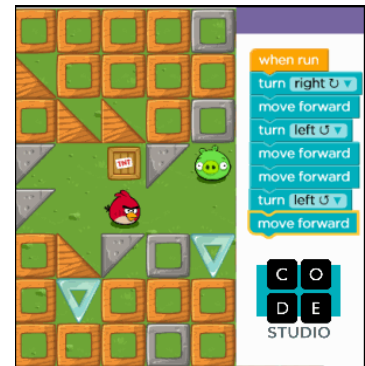


Students in middle school learn how to design items in 3D. They learn the process of taking an idea, putting it into a drawing on paper and then creating it into a 3D object.



Starting in Middle

School the kids begins to focus more on programming, starting with drag and drop code blocks.



Until they are able to write javascript and python code with proper syntax!

```
10 putBall();
11 turnLeft();
12 move();
13 turnLeft();
14 move();
15 putBall();
16 turnLeft();
17 turnLeft();
18 turnLeft();
19 move();
20 turnLeft();
21 move();
22 turnLeft();
23 move();
24 move();
25 turnLeft();
26 move();
27 move();
28 turnLeft();
```

