

Prior Learning: instructions as algorithms, instructional language, understanding 'debug' as correcting mistakes in programming.

Facts

1. What is coding language?

- A coding or programming language is a computer language programmers use to develop software programs, scripts of other sets of instructions for computers to follow.
- There are lots of different coding languages to choose from but some popular choices for children are:
 - ◆ Scratch
 - ◆ Python
 - ◆ JavaScript
 - ◆ Blockly

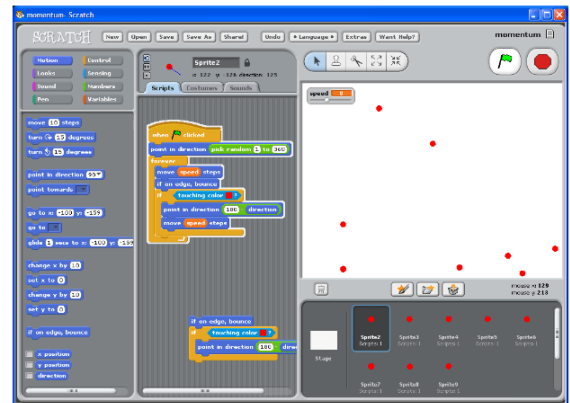
Vocabulary

1. Translation– moving something from one place to another, moving something from one programming language to another.
2. Target audience—the group at which a product is aimed at.

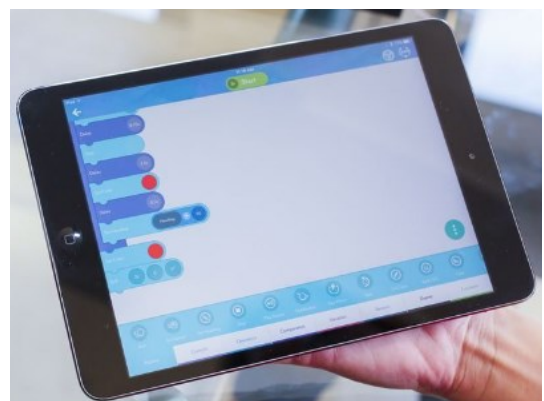
2. Code within my computer

- Computer code or program code is the set of instructions forming a computer program which is executed by a computer.
- It is one of two components of the software which runs on computer hardware, the other being the data.
- Movements on your screen are translated into codes and algorithms that are written and in place to help control your computer.
- Everything you do on a computer will be translated into codes or algorithms.

Scratch



Blockly



Youtube:

<https://www.youtube.com/watch?v=Nc31NAujTKA> - Computer programming and coding/programming languages

Python

