



Computing: Year 3: Autumn 1

LEGO Mindstorms EV3

– Parts of a Robot (Human analogy)



• Power source



• Controller



• Structural elements



• Motors



• Sensors



– The EV3 Brick

Screen tabs:

- Recent programs
- File navigation
- Applications
- Settings

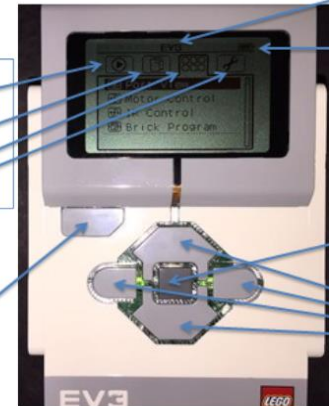
Brick name

Battery power

Select button

Up/Down and Left/Right buttons

Back button



Scratch

Scratch is a coding program, that lets you build interactive games and animations.



Algorithm



Sprite

Key Vocabulary



Code Block	A visual block that gives the sprite a certain job.
Program	A series of blocks or code that tell a machine or computer to do something.
Interface	The menus, buttons and other functions which make a site or program easy to use.
Loop	A repeated sequence of instructions.

Events

Event blocks are used to start a series of actions



These blocks make the sprite move, make sounds and change appearance (costume).