

Year 1 Lego Builders Knowledge Organiser



Talk about computing apparatus, what it does, what you can do with it and how to use it safely.

Exploring pictograms and understanding how pictograms can be used to represent data.

Star Vocabulary

instruction: information about something should be done

algorithm: a precise, step-by-step of instructions used to solve a problem or achieve an objective

computer: an electronic device for storing and processing data

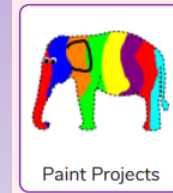
program: A group of instructions that are grouped together and are run when a certain condition is met.

debug: to provide (a computer or other machine) with coded instructions.

Key Learning

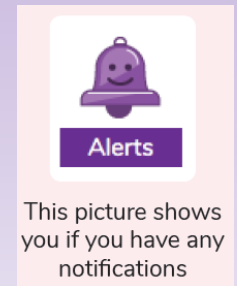
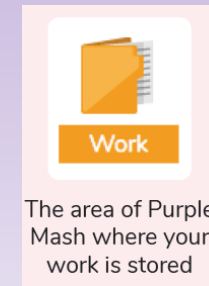
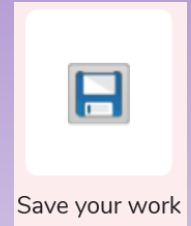
- To log in safely.
- To learn how to find saved work in the Online Work area and find teacher comments.
- To complete To Dos set on Purple Mash.
- To group and sort on Purple Mash.
- To learn what coding is.
- To create simple instructions in real-life.
- To explore the 2Code program on Purple Mash.
- To learn about combine blocks of code.
- To create a simple program.

Key Resources



Coding

Key Images



Log in safely

To complete grouping and sorting activities on Purple Mash

To create simple instructions like those required by a computer

Learn about combined blocks of code

To be able to find saved work and teacher comments

Learn what coding is

To explore the 2Code program

To use the 2Code program to create a simple program