

TMS Computing Launchpad - Year 2023/2024

Year 1



Computer science

I know that:

Computers can be controlled by programming a series of instructions.

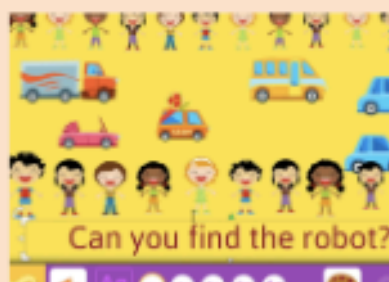
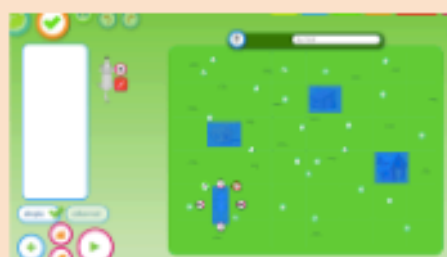
I know how to:

Develop and refine a series of instructions (debugging) as an **algorithm**.

Record and Program a simple **algorithm**

Predict the behavior of simple **algorithms**

Use **distances** in commands.



<https://drive.google.com/drive/folders/1Ha8MAKlxdLQWvUkNzCwpbjILvg8y46V>

<https://www.ilearn2.co.uk/year-1-programming.html>



Information technology

I know that:

Computers can control music
Computers can be used to create documents which include pictures and words.

Music

I know how to:

Create a rhythm using a pattern of beats

Create digital sounds using patterns and shapes

Create a simple melody using patterns and adjust tempo



Desktop Publishing

I know how to:

Add, resize and place images on a page

Add and position text to label and describe images

Use word banks to write sentences

Add a suitable background

Add narration using text and direct speech using speech bubbles.

Use different controls to move around a comic and make space. (zoom, minimise menus.)

Add, resize, move and rotate objects, including characters and speech bubbles.

<https://www.ilearn2.co.uk/4400.html>

<https://www.ilearn2.co.uk/year-1-text-images.html>

<https://www.ilearn2.co.uk/year-1-comic-creation.html>



Digital literacy

I know that:

There are benefits and risks with online technology

I know how to:

Be polite and courteous in both online and offline communications.

to go to a responsible adult if they feel in danger.

Manage responses about personal information.

Take an active part in group discussions.

Question who I am talking to.

Behave in a way which lead to positive relationships and mutual respect.



[Lee and Kim](#)