

# Computing

How can events and actions be used to program in Scratch?

Tamar Summer 2023

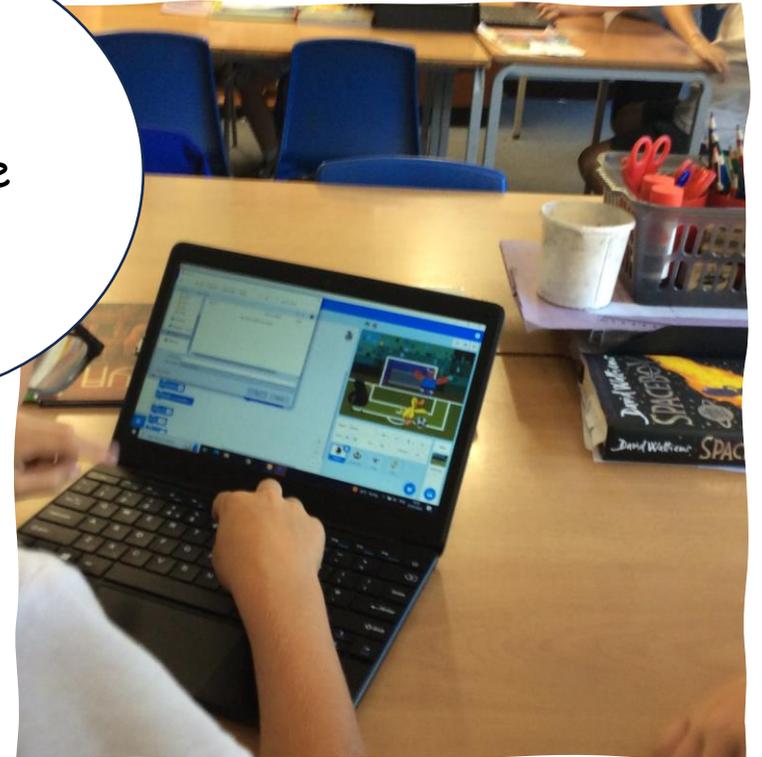
We used events and motions code to move the Sprite on the stage.



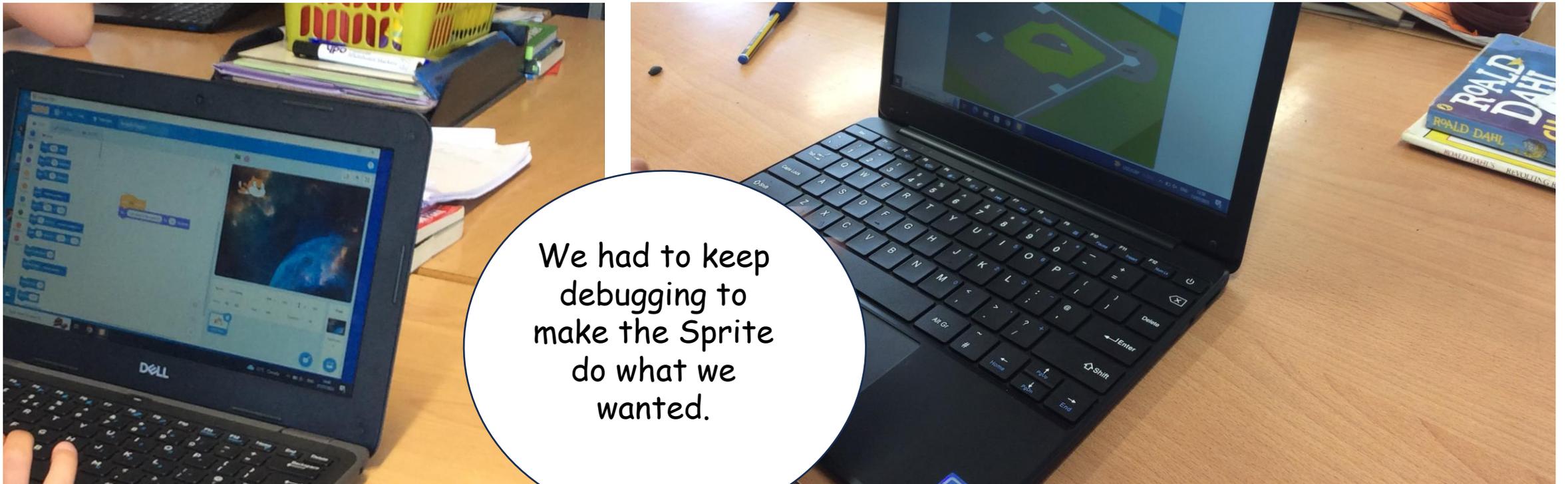
I enjoyed learning about Scratch and moving the Sprite.



We had to move the Sprite around a course and be really accurate, stopping at points.



We had to debug the code. It was complicated.

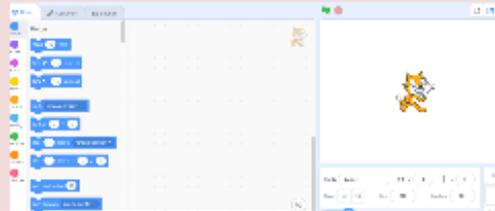


We had to keep debugging to make the Sprite do what we wanted.

## Computing FLE 3/4 How can events and actions be used to program in Scratch?

### Personal development

Children see that algorithms and programs are part of every day life.  
Children are exposed to possible careers in ICT and computing and programming.



### Skills

- I can save my program to my own file.
- I can move characters.
- I can debug my program
- I can use the pen extension in Scratch

### Forever Facts

Algorithms are a precise set of instructions.  
Debugging is the process of correcting errors in a computer program.  
Scratch is an example of computer programming online.

**What I have learnt before:**  
Saving to own file, Scratch (Year 4)

### Exciting Books



### Subject Specific Vocabulary

Program	A set of written computer instructions.
Scratch	Programming language that can be used for making (games) and animations.
Sprite	A character or image that is used in Scratch that can be programmed to create actions.
Algorithm	A precise set of instructions that computers can use.
Debug	The process of finding and correcting errors in a computer program.

### Our Endpoint

I can create my own maze in Scratch.