

Progress in Computing

Term 6 2021

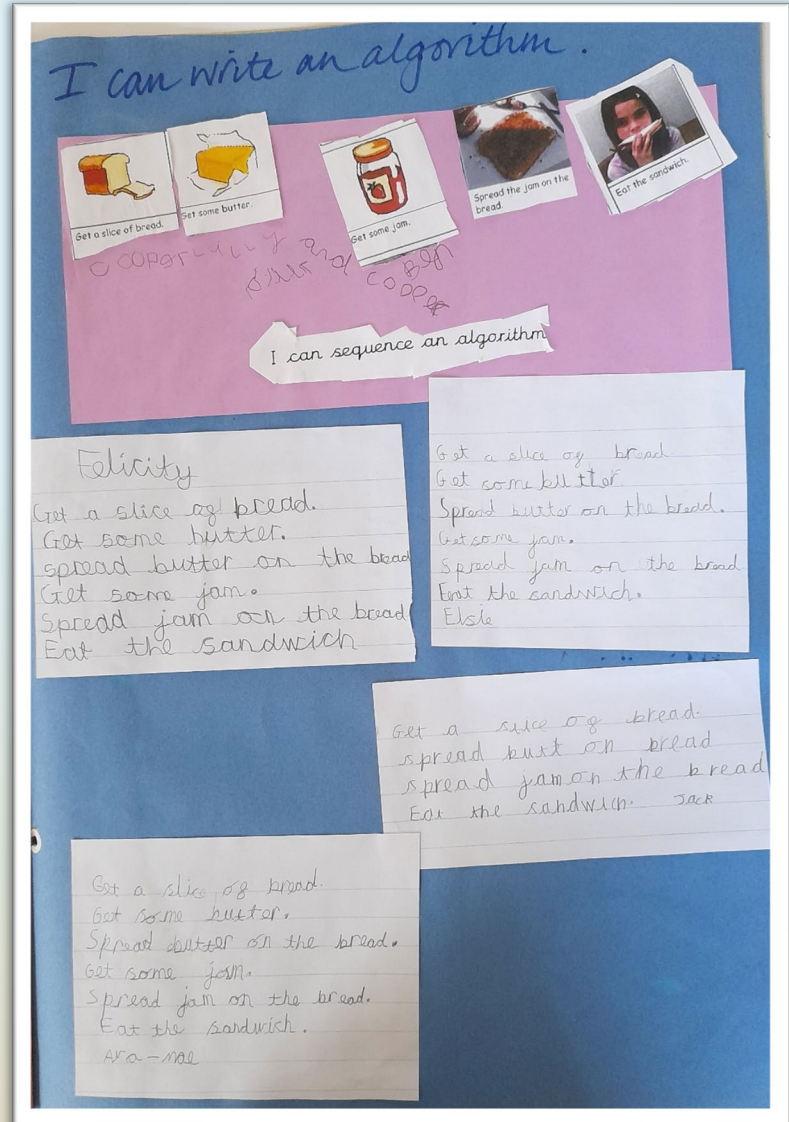
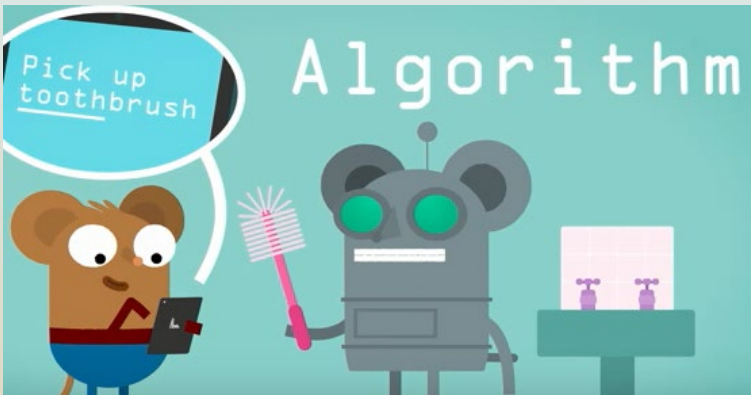
Code usingScratch





Y1 worked collaboratively to order, read and write algorithms.

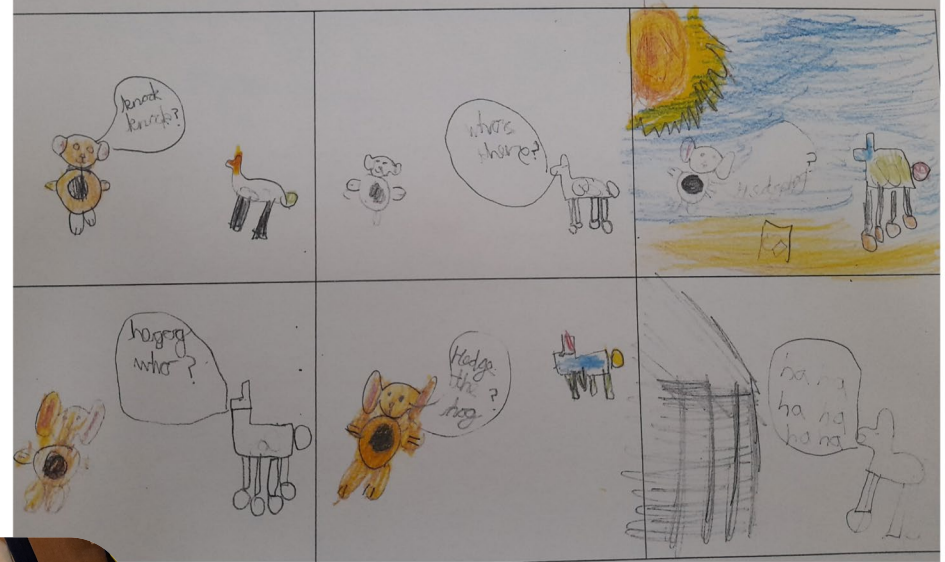
<https://www.youtube.com/watch?v=Da5TOXCwLSg>



Storyboard



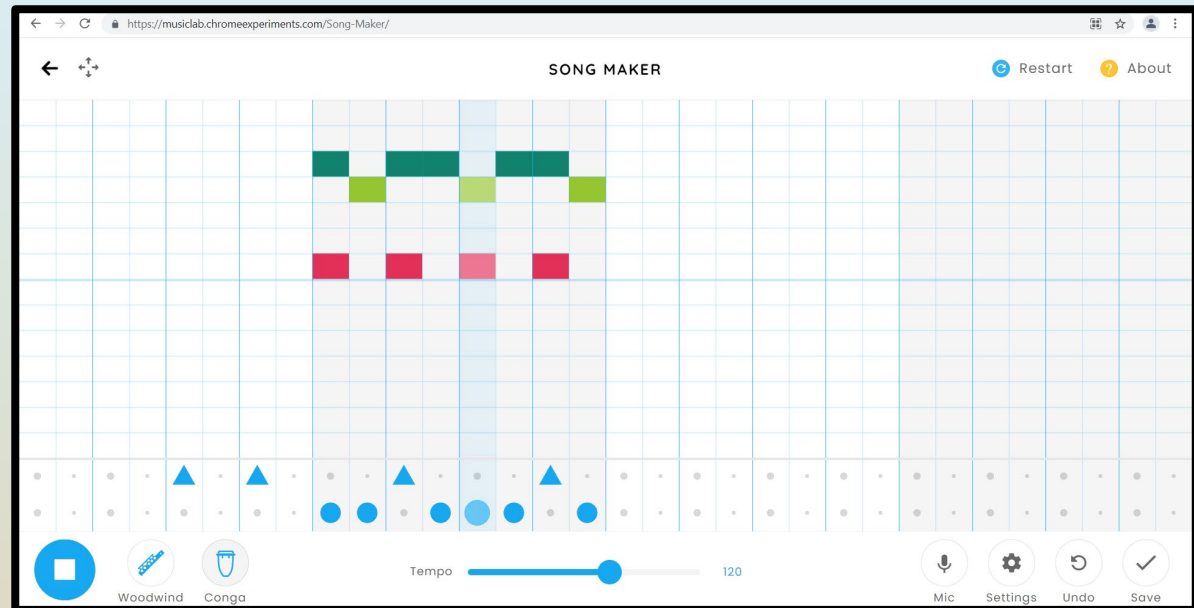
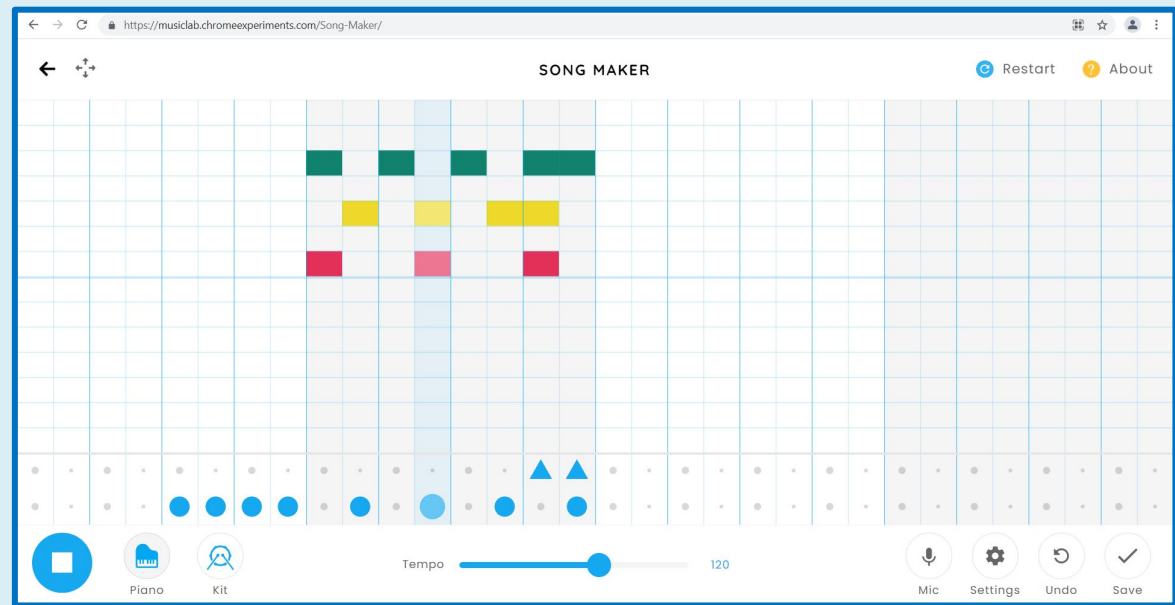
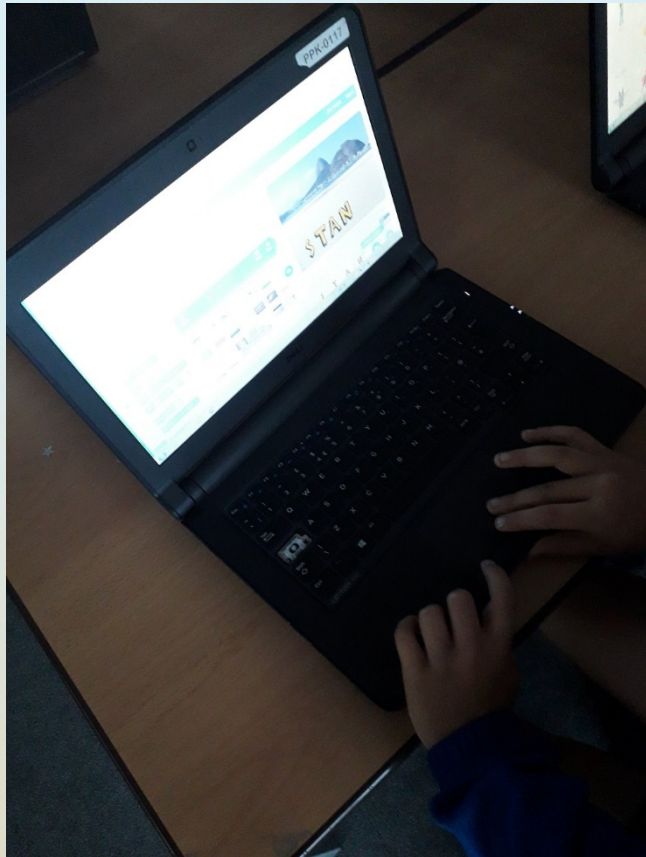
Storyboard



Y2 used ScratchJr to code their own Knock-Knock jokes. They had to plan the sequence as a storyboard first.

Y3 used code to record & play
music in Scratch &
ChromeMusicLab

<https://musiclab.chromeexperiments.com/Song-Maker/>



Y4 used Hour of Code to develop logical thinking & problem solving skills.

<https://hourofcode.com/uk/learn>

<https://studio.code.org/s/starwarsblocks/stage/1/puzzle/10>

The screenshot shows the Code.org Star Wars: Building a Galaxy With Code interface. The browser address bar displays <https://studio.code.org/s/starwarsblocks/stage/1/puzzle/10>. The top navigation bar includes the Code.org logo, the title "Star Wars: Building a Galaxy With Code", a progress indicator with 10 puzzles (puzzle 10 is selected), and a "finished!" status. A "Sign in" button and a help icon are also present.

The main workspace is divided into two sections: a visual scene on the left and a block-based programming area on the right.

Visual Scene: The scene depicts a dirt path on a grassy field. In the center, R2-D2 is positioned. To the left, two Stormtroopers are walking towards the path. To the right, a Rebel Pilot is visible. A Mynock is also present on the path.

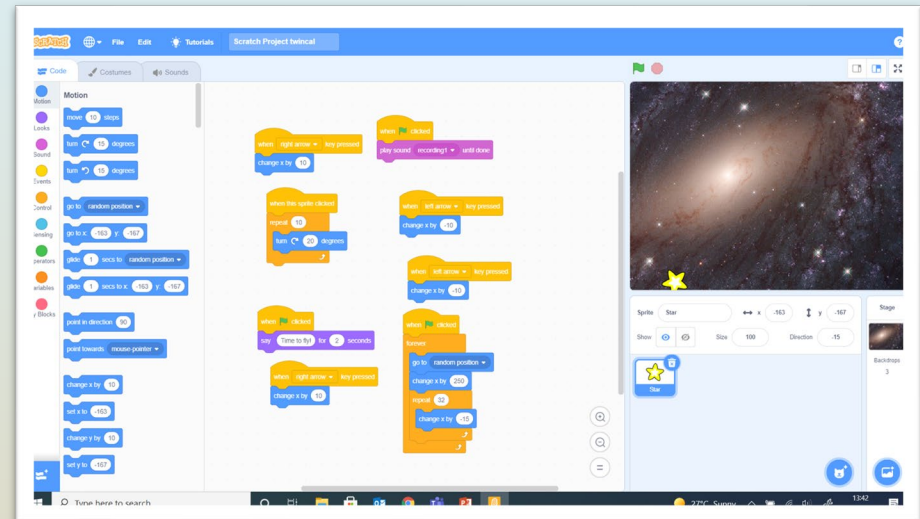
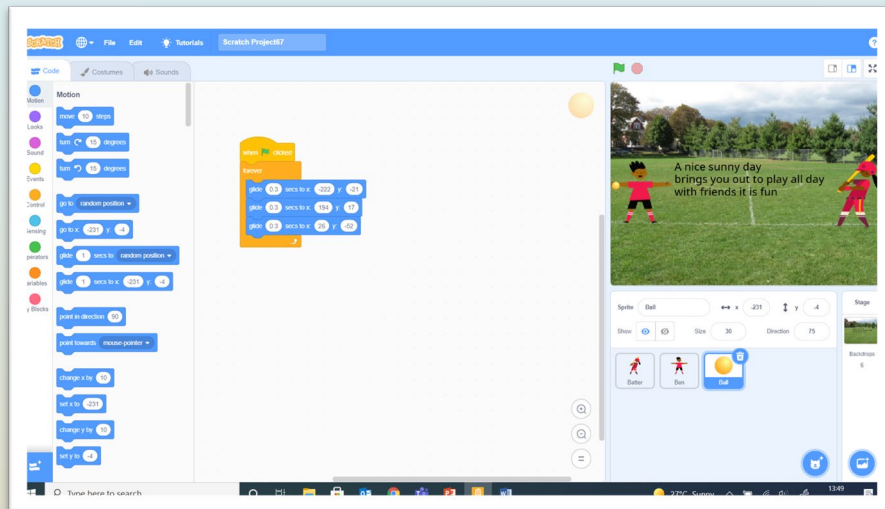
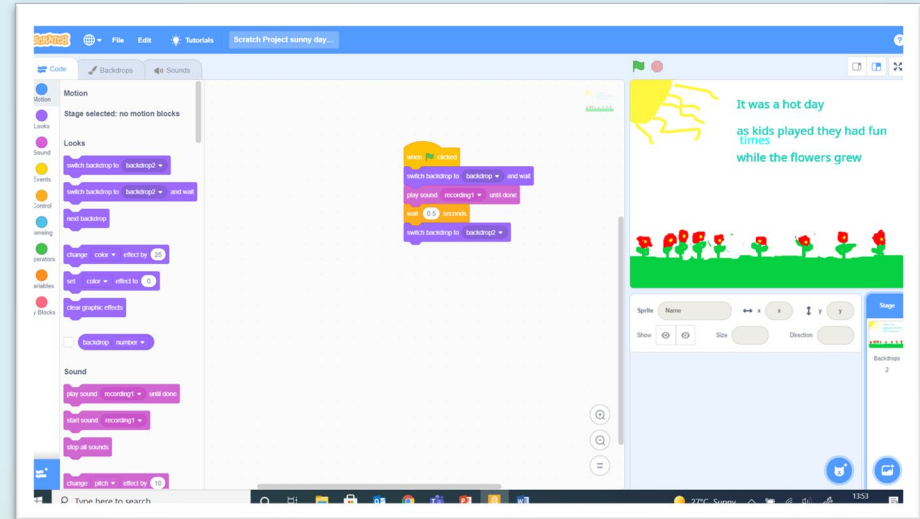
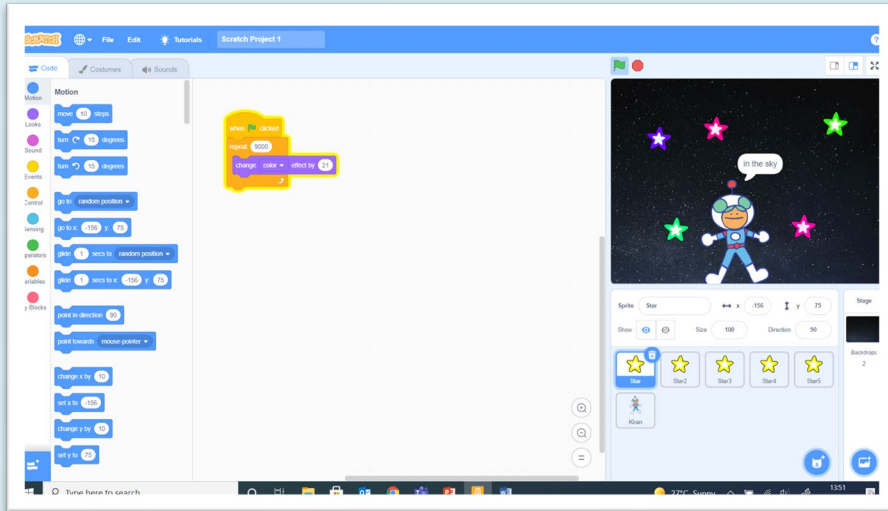
Instructions: The instructions section contains the following text: "Watch out for the Stormtroopers." It also states: "Add 100 points when R2-D2 gets a Rebel Pilot. Remove 100 when he gets a Stormtrooper. Get 200 points to pass the puzzle. (You can use the Mynock to make it easier.)"

Blocks: The block-based programming area shows the following blocks:

- play random sound
- add 100 points
- remove 100 points
- when get Rebel Pilot
- when get Stormtrooper
- when get Mynock

The bottom of the interface features a "Run" button, navigation arrows, and a footer with "English", "Privacy Policy", "Copyright", and "More" links. The Windows taskbar at the bottom shows the time as 11:26 on 17/07/2019.

Y5 have been using code in scratch <https://scratch.mit.edu/> to animate a poem or Haiku.





Y6 have improved their coding skills in scratch by creating their own games & animations.

