

Kit's Creative Coding Log

Learning objective: To explain the design and function of a Scratch project using technical vocabulary.

Follow this writing frame to describe your Scratch project. Use the word bank to help you explain how your code works and how you solved any problems.

My Scratch project is an interactive animation featuring a character who...

Word bank: algorithm · sequence · repetition · debugging · variable · event · sprite · broadcast · furthermore · consequently · initially

1. Project Overview: What is the main goal of your project and which sprite did you choose to lead the action? (2 marks)

2. The Algorithm: Describe the sequence of blocks you used to create movement. What happens when the green flag is clicked? (3 marks)

3. Using Loops: Where did you use repetition or 'forever' loops, and why was this an efficient way to code your animation? (3 marks)

4. Debugging: Explain one problem or 'bug' you encountered while building your project and how you fixed it. (3 marks)

5. Future Improvements: If you had more time to work on this, what new feature or variable would you add to make the project more complex? (2 marks)

Extension challenge: Can you draw a flowchart of your code on the back of this page, using boxes to show the sequence of events and arrows to show the direction of your logic?