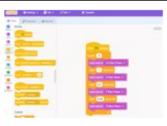# Computing     FLE Y3/4   How can we use Scratch to create a musical instrument?

## What I have learnt before:

- In class Cremyll, we learnt what algorithms are and created a program using Scratch to animate a character.

## Forever Facts

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| Program's start because of an input. |
| Debugging programs is when you find an error in the algorithm and fix it. |
| An algorithm is a set of instructions to follow in order to complete a task. |
| The order of the commands can affect a program's output. |

## Skills

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| To build a sequence of commands. |
| To combine and order commands in a program. |
| To use problem solving to overcome any issues or bugs in the computer program. |
| To create a sequence of commands to produce a given outcome. |

## Exciting Books

## Our Endpoint

I can create a musical instrument using a sequence of sounds and other key features from Scratch.

## Subject Specific Vocabulary

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|---|---|
| Design | to create, sketch out, or invent something. |
| Algorithm | a detailed, step-by-step process followed in order to accomplish a specific task or to solve a specific problem. |
| Bug | a bug refers to an error, fault, or flaw in any computer program. |
| Debug | finding and removing errors (or "bugs") from a computer program. |
| Input | Is the information put into the computer |
| Output | Is a task that the computer sends back out. |

**Personal development:**
Computing gives a child the skills they need for our ever-changing digital society. The jobs it could lead to game design, engineering and computing teacher.