Objectives and Sticky Knowledge
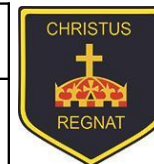
Previous Knowledge Recap:
I can decide which blocks to use to meet the design.
I can build the sequences of blocks I need.
I can compare my project to my design.
I can improve my project by adding features.
I can debug my program.

Land Objectives and Sticky Knowledge:

To create a programme to sequence sounds music

*identify that commands have an outcome
*explain that a programme has a start
* recognise that a sequence of commands can have an order
* change the appearance of a project
* create a project from a task description

Links with 'Communication' Golden Thread:

Links with CST and CKA Values Crown:

Year 3 Computing – creating sounds

Sky Objectives:

1. Use knowledge of sequencing algorithms to aid in detecting errors.

2. Use search technologies effectively and critically whilst appreciating the selection and ranking systems in place.

3. Explain the importance of respectful and responsible online activity whilst understanding how to report unacceptable content and contact.

Key Vocabulary	
Spelling	**Definition/Sentence**
Coding	Computer programmes are made using a special language called code. Coding is used so computers understand what to do.
Debug	Finding an issue in a programme and repairing it.
Input	Data that a computer receives.
Variables	Something that can be changed. They are used to store information that might change
Repetition	Looping or repeating sections of a computer program
Logical reasoning	Used to explain how simple algorithms work and to detect and correct errors in programs
Selection	How a computer executes a set of instructions depending on if certain conditions have been met or not.
Output	Data that a computer sends
Sequence	A series of events that must be performed in order to achieve a task.
Sprite	A sprite is a graphic that is designed to be part of a larger scene. It can either be a static image or an animated

GET READY

Choose a backdrop.

Theater 2

Choose a drum from the Music category.

Drum Tabla

To see just the music sprites, click the **Music** category at the top of the Sprite Library.

Dance Music Sports

ADD THIS CODE

```
when space key pressed
repeat 3          —— Type how many times you want to repeat.
  start sound Hi Na Tabla
  wait 0.25 seconds   —— Try different numbers to change the rhythm.
  start sound Hi Tun Tabla
  wait 0.25 seconds
```

TRY IT

C V B N M

Press the **space** key on your keyboard.