## **Year 4 Computing Knowledge Organiser**

### **Golden Thread: Communication**



## **Objectives and Sticky Knowledge**

#### **Previous Knowledge:**

- 1. Identify that commands have an outcome.
- 2. Explain that a programme has a start
- 3. Recognise that a sequence of commands can have an order
- 4. Change the appearance of a project.



| To identify that sound can be recorded and explain that audio recordings can be edited.  | To apply audio editing skills independently   | To evaluate the effective use of audio  | E Safety - To recognise acceptable and unacceptable behaviour online.   |
|--|---|---|---|
| <ol> <li>I can use a computer to record audio</li> <li>I can explain that the person who records the sound can say who is allowed to use it.</li> <li>I can re-record my voice to improve my recording.</li> <li>I can inspect the soundwave view to know where to trim my recording.</li> </ol> | 1. I can record content following my plan 2. I can review the quality of my recordings 3. I can improve my voice recordings | I. I can listen to an audio recording to identify its strengths     I. I can suggest improvements to an audio recording     I. I can choose appropriate edits to improve my podcast | <ol> <li>I know that I have to seek the consent of others before sharing audio, images or recordings of others.</li> <li>I know that I must treat others with respect online.</li> <li>I know that if I feel afraid, unsafe or uncomfortable online because of the behaviour of others, I must block, and report and tell a trusted adult.</li> </ol> |

#### Sea:

Links with 'Communication' Golden Thread

**Links to CST and CTK Values:** 

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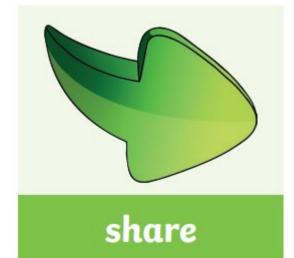
## **Key Vocabulary**

| Audio          | The field of sound recording, transmission, reception, and reproduction.                                  |
|----------------|---|
| Sound Wave     | A longitudinal wave in an elastic medium, especially a wave producing an audible sensation.               |
| Edit           | To revise or correct.   |
| Sharing        | To give other users access to digital or other online documentation                                       |
| World Wide Web | The World Wide Web is a collection of web pages found on a network of computers.                          |
| Search Engine  | A search engine is a service you use on the Internet to help you find information via the World Wide Web. |









#### Sky Objectives:

- 1. Use repetition in programs to aid in programming efficiency.
- 2. Select, use and combine a variety of software (including internet services) to design and create programs.
- 3. Help others to understand the importance of online safety and the range of ways inappropriate content and contact can be reported.