

Sticky Knowledge – Computing

Class – Redwoods

Year 6



Online Safety/ Coding

Autumn 1

- Why do I need to be aware of the dangers of being online?
- What is meant by my digital footprint?
- Why is it important to think about how much time use a screen for?
- How can you use Tabs in 2Code Gorilla?
- What is a function in coding? Give an example that you have used in 2Code Gorilla.
- In 2Code Gorilla, how can a program receive user input?

Spreadsheets

Autumn 2

- How would you add a formula so that the cell shows the total of a column of cells?
- What is a computational model and what it can be used for?
- If you were going to use a spreadsheet to plan your dream holiday, what data would you collect to cost the trip?

Blogging/ Networks

Spring 1

- What is a blog?
- What can a blog be about?
- How are the audience involved in a blog?
- What is the difference between the Internet and the World Wide Web?
- What is the difference between a LAN and a WAN?
- Who is Tim BernersLee?

Text Adventures/ Quizzing

Spring 2

- What is a text based adventure?
- Why is it important to plan a text based adventure?
- What factors do you need to consider when creating a quiz?
- Name three question types in 2Quiz.
- Apart from the questions, what else does a quiz need to contain?

Understanding binary

Summer 1

- How does binary relate to the programs that you use or create?
- How does binary relate to computer memory?
- How would you write the numbers 0 to 10 in binary?

Spreadsheets with Google Sheets

Summer 2

- What is a spreadsheet used for?
- How do you carry out a multiplication calculation?
- How does using the SUM function save time?