Computing Termly Plan - Year 4 Term 3

Topics	Area of Computing	Objectives	Computing Vocabulary
The internet: Webquest! • Searching online. • More searching online • Searching inside websites. • Facts, opinions and adverts. • Helpful websites. • Who owns it? • Revision	❖ searching ❖ comparing ❖ referencing ❖ evaluating	**By the end of the topic learners should:** ♣ Know how to do good searches online. ♣ Know how to spot sponsored links. ♣ Learn how to check whether what a web page says is true. ♣ Know what makes a website helpful. ♣ Learn how to reference the things you find online.	☺ copyright ☺ reference ☺ search engine ☺ search ☺ webquest ☺ search term ☺ search results
Computers in society: History of computing • Euclid and the first algorithm. • Pingala and Binary numbers. • Al-Khwarizmi and algebra. • The first computer. • Turing: Can a computer think? • The World Wide Web. • Assessment	❖ researching ❖ comparing ❖ Turing ❖ testing ❖ investigating	♣ Know about important inventions and ideas that have led to computers today. ♣ Know about seven important people in the history of computing. ♣ Learn why it is important to be responsible when we use computers.	☺ invention ☺ algebra ☺ binary ☺ program ☺ algorithm ☺ responsible ☺ internet ☺ cipher/code