


















# SUPER-CURRICULAR ACTIVITIES

## COMPUTER SCIENCE

### Year 8

 Read the book 'Computational Fairy Tales' by Jeremy Kubica.	 Prepare and lead a short lesson of 30 minutes on a Computing topic of your choice.	 Watch a clip on BBC Click. Follow <b>Link 1</b> (below)
 Read a magazine on the CS4FN website. There is a range of fun and intriguing articles and puzzles. Follow <b>Link 2</b> (below)	 Watch Ted Talk on technology and write a review about it. Follow <b>Link 3</b> (below)	 Write a riddle on an input device and an output device.
 Go onto the website given and choose an activity from binary representation to looking at artificial intelligence. Follow <b>Link 4</b> (below)	 Create your own Flappy Bird game on code.org. Follow <b>Link 5</b> (below)	 Listen to a podcast on Science and Technology. Follow <b>Link 6</b> (below)
 Teach your sibling or a friend about the importance of algorithms (following instructions.)	 Watch the Imitation Game movie to learn about the Enigma code.	 Practice your binary skills at crazygames.com. Follow <b>Link 7</b> (below)
 Visit the Museum of Technology in Hertfordshire to look at the technological revolution since the 1850s.	 Go to Scratch online and create a quiz to help you revise for your end of year computing exams. Follow <b>Link 8</b> (below)	 Create an app on Appshed.

#### Links to websites used in this Super-Curricular Activities sheet:

Link 1: <https://www.bbc.co.uk/iplayer/episodes/b006m9ry/click>

Link 2: <http://www.cs4fn.org>

Link 3: <https://www.ted.com/talks?topics%5B%5D=technology>











Link 4: <https://classic.csunplugged.org/activities/>

Link 5: <https://code.org/athome>

Link 6: <https://www.bbc.co.uk/programmes/w13xttz/episodes/downloads>

Link 7: <https://www.crazygames.com/game/binary-game>

Link 8: <https://scratch.mit.edu>

	Reading task		Creative task		Watching task		Student-led task
	Research task		Writing task		Listening task		Trip or visit
	Typing task		Numeracy task				