

## Thurlstone Primary School - Computing Long Term Overview

Year	Autumn 1	Spring 1	Summer 1
<b>FS2</b>	Computing systems and networks - using a computer. Programming 1: All about instructions	Computing systems and networks: Exploring hardware Programming 2: Programming Bee-Bots	Data handling: Introduction to data
<b>1</b>	Computing systems and networks: Improving mouse skills Programming 1: Algorithms unplugged	Skills showcase: Rocket to the moon Programming 2: Bee-Bot	Creating media: Digital imagery Data handling: Introduction to data Online safety: Year 1
<b>2</b>	Computing Systems and Networks: What is a computer? Programming: Algorithms and debugging	Computer systems and network: Word processing Programming: Scratch Jr	Digital imagery (using tablet devices) Data handling: Introduction to data Online safety year 2
<b>3</b>	Computing Systems and Networks: Networks and the internet Programming: Scratch	Computing Systems and Networks: Networks: Emailing Journey inside a computer	Creating media: Video trailers Data Handling: Comparison cards databases Online Safety: Year 3
<b>4</b>	Computing systems and networks: Collaborative learning. Programming 1: Further coding with Scratch	Creating media: Website design Skills showcase: HTML	Programming 2: Computational thinking Data handling: Investigating weather Online safety: Year 4
<b>5</b>	Computing systems and networks - search engines Programming: music	Data Handling - Mars Rover 1 Programming – Micro: bit	Creating media - Stop motion animation Skills showcase - Mars Rover 2 Online Safety: Year 5
<b>6</b>	Computing systems and networks - Bletchley Park Programming: Intro to Python	Data handling: Big Data 1 Creating media: History of computers	Data handling 2: Big Data 2 Skills showcase: Inventing a product Online safety: Year 6