

Computing at Thomlinson Junior School 2024 2025

	Year 3	Year 4	Year 5	Year 6
Autumn	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Self-image and identity ●Online relationships ●Online reputation ●Online bullying ●Tablet Basics (Switching on, basic troubleshooting) ●Touch Typing (Posture, key positions) ●Presentations (Using technology to present information) 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Self-image and identity ●Online relationships ●Online reputation ●Online bullying ●Logo <ul style="list-style-type: none"> ●Introduction to 2Logo ●Creating letters ●Using the 'repeat' command ●Using procedures 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Self-image and identity ●Online relationships ●Online reputation ●Online Bullying ●Databases <ul style="list-style-type: none"> ●Searching a database ●Creating a database ●Creating a topic database 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Self-image and identity ●Online relationships ●Online reputation ●Online bullying ●Networks <ul style="list-style-type: none"> ●The WWW and the Internet ●Our school network ●The Internet: Now and in the future.
Spring	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Managing online information ●Health, well being and lifestyle ●Coding <ul style="list-style-type: none"> ●Using flow charts ●Using timers ●Using repeat ●Code, test and debug ●Design and make an interactive scene 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Managing online information ●Health, well being and lifestyle ●Coding <ul style="list-style-type: none"> ●Design, code, test and debug ●IF statements ●Co-ordinates ●Repeat until and IF/ELSE statements ●Numbers variables ●Making a playable game 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Managing online information ●Health, well being and lifestyle ●Coding <ul style="list-style-type: none"> ●Coding efficiently ●Simulating a physical system ●Decomposition and abstraction ●Friction and functions ●Introducing strings ●Text variables and concatenation 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Managing online information ●Health, well being and lifestyle ●Coding <ul style="list-style-type: none"> ●Complex programs ●Functions ●Flow charts and control simulations ●User input ●Text-based adventures
Summer	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Privacy and security ●Copyright and Ownership ●Spreadsheets <ul style="list-style-type: none"> ●Creating pie charts and graphs ●More than and spin button tools ●Advanced mode and cell addresses ●Branching Databases <ul style="list-style-type: none"> ●Introducing databases ●Branching databases ●Creating a branching database 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Privacy and security ●Copyright and Ownership ●Spreadsheets <ul style="list-style-type: none"> ●Formula wizard and formatting cells ●Timer and spin button ●Line graphs ●Budgeting ●Exploring place value ●Animation <ul style="list-style-type: none"> ●Animating an object ●2Animate tools ●Stop motion animation 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Privacy and security ●Copyright and Ownership ●Spreadsheets <ul style="list-style-type: none"> ●Conversions of measurements ●The count tool ●Formulae ●Text variables ●Event planning ●3D Modelling <ul style="list-style-type: none"> ●Introducing 2Design ●Moving points ●Designing for a purpose ●Printing and making 	<ul style="list-style-type: none"> ●Online Safety <ul style="list-style-type: none"> ●Privacy and security ●Copyright and Ownership ●Spreadsheets <ul style="list-style-type: none"> ●Exploring probability ●Computational models ●Planning spending money ●Planning an event ●Understanding Binary <ul style="list-style-type: none"> ●What is Binary? ●Counting in binary ●Converting from decimal to binary

For a more detailed overview of the Computing and Online Safety curriculum , please visit the Computing page on our school website.