



Computing Long Term Plan

Online safety lessons will be embedded within all units using lessons from the Rising Stars scheme and Project Evolve. Note: some activities will include parental engagement activities.

Year group	Autumn (13 wks)	Spring (11 -12 wks) Safer internet day	Summer (13 wks)
1	<p>Autumn 1: Computing systems and networks – Technology around us</p> <p><i>E-Safety – 1.1 We are year 1 rule writers</i></p> <p>Autumn 2: Creating media – Digital painting and recording sounds</p> <p><i>E-Safety – 1.2 We are kind and helpful</i></p>	<p>Spring 1 & 2: Programming: What is an algorithm? What is a program?</p> <p><i>E-Safety – 1.3 We are responsible internet and device users</i></p> <p><i>E – Safety – 1.4 We are information protectors</i></p>	<p>Summer 1: Creating media - Digital writing</p> <p><i>E-Safety – 1.5 We are good digital citizens</i></p> <p>Summer 2: NCCE Data and information - Grouping data</p> <p><i>E-Safety 1.6 We are responsible gamers</i></p>
2	<p>Autumn 1: Computing systems and networks - IT around us</p> <p><i>E-Safety - 2.1 We are year 2 rule writers</i></p> <p>Autumn 2: Creating media - Digital writing</p> <p><i>E-Safety – 2.2 We are not online bullies</i></p>	<p>Spring 1 & 2: Programming - Writing algorithms and programming quizzes</p> <p><i>E-Safety – 2.3 We are safe searchers</i></p> <p><i>E-Safety – 2.4 We are code masters</i></p>	<p>Summer 1: Creating media - Digital photography and Digital writing</p> <p><i>E-Safety – 2.5 We are online behaviour experts</i></p> <p>Summer 2: NCCE Data and information - Grouping data</p> <p><i>E-Safety - 2.6 We are game raters</i></p>
3	<p>Autumn 1: Computing systems and networks – Connecting computers</p> <p><i>E-Safety – 3.1 We are Year 3 Safety Rule Writers</i></p> <p>Autumn 2: Creating media – Posters and Infographics</p> <p><i>E-Safety – 3.2 We are digital friends</i></p>	<p>Spring 1 & 2: Programming: Sequences, events and actions</p> <p><i>E-Safety – 3.3 We are internet detectives</i></p> <p><i>E-Safety – 3.4 We are aware of our digital footprint</i></p>	<p>Summer 1: Creating media – Stop-frame animation</p> <p><i>E-Safety – 3.5 We are netiquette experts</i></p> <p>Summer 2: Data and information - Grouping data</p> <p><i>E-Safety – 3.6 We are avatar creators</i></p>

4	<p>Autumn 1: Computing systems and networks – The Internet</p> <p><i>E-Safety – 4.1 We are year 4 rule writers</i></p> <p>Autumn 2: Data and information – Data logging</p> <p><i>E-Safety – 4.2 We are standing up to peer pressure</i></p>	<p>Spring 1 & 2: Programming: Repetition in shapes and games</p> <p><i>E-Safety – 4.3 We are aware that our online footprint lasts forever</i></p> <p><i>E-Safety – 4.4 We are online risk managers</i></p>	<p>Summer 1: Creating media - Audio production</p> <p><i>E-Safety – 4.5 We are respectful of digital rights and responsibilities</i></p> <p>Summer 2: Creating media – Photo editing</p> <p><i>E-Safety – 4.6 We are careful when talking to virtual friends</i></p>
5	<p>Autumn 1: Computing systems and networks – Systems and searching</p> <p><i>E-Safety – 5.1 We are year 5 rule writers</i></p> <p>Autumn 2: Creating media – Introduction to vector graphics</p> <p><i>E-Safety – 5.2 We are responsible for our online actions</i></p>	<p>Spring 1 & 2: Programming: Selection in physical computing and quizzes</p> <p><i>E-Safety – 5.3 We are content evaluators</i></p> <p><i>E-Safety – 5.4 We are protecting our online reputation</i></p>	<p>Summer 1: Creating media - Film production</p> <p><i>E-Safety – 5.5 We are respectful of copyright</i></p> <p>Summer 2: Data and information – Flat-file databases</p> <p><i>E-Safety – 5.6 We are game changers</i></p>
6	<p>Autumn 1: Computing systems and networks - Communication and collaboration</p> <p><i>E-Safety 6.1 – We are online safety ambassadors</i></p> <p>Autumn 2: NCCE Data and information – Spreadsheets</p> <p><i>E-Safety – 6.2 We will not share inappropriate images</i></p>	<p>Spring 1 & 2: Programming: Variables in games and sending movement</p> <p><i>E-Safety – 6.3 We are safe social networkers</i></p> <p><i>E-Safety – 6.4 We are respectful of others</i></p>	<p>Summer 1: Creating media – 3D Modelling</p> <p><i>E-Safety – 6.5 We are online safety problem solvers</i></p> <p>Summer 2: Creating media – Photo editing</p> <p><i>E-Safety – 6.6 We are safe gaming experts</i></p>

