



# St Ursula's Catholic Primary School

## Computing Curriculum Map 2020-21

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	1. Knows how to operate simple equipment, e.g. turns on CD player and uses remote control. 2. Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones. 3. Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. 4. Knows that information can be retrieved from computers					
<b>Reception</b>	1. Completes a simple program on a computer. 2. Uses ICT hardware to interact with age-appropriate computer software.				1. Children recognise that a range of technology is used in places such as homes and schools. 2. They select and use technology for particular purposes.	
<b>Year 1</b>	Typing skills <u>Online safety lesson:</u> We are rule writers	We are celebrating <u>Online safety lesson:</u> We are kind and thoughtful	We are storytellers <u>Online safety lesson:</u> We are responsible internet and device users	We are painters <u>Online safety lesson:</u> We are good digital citizens	We are TV chefs <u>Online safety lesson:</u> We are information protectors	We are collectors <u>Online safety lesson:</u> We are responsible gamers
<b>Year 2</b>	We are astronauts <u>Online safety lesson:</u> We are Year 2 rule writers	We are games testers <u>Online safety lesson:</u> We are online game raters	We are researchers <u>Online safety lesson:</u> We are not online bullies	We are photographers <u>Online safety lesson:</u> We are safe searchers	We are detectives <u>Online safety lesson:</u> We are code masters	We are zoologists <u>Online safety lesson:</u> We are online behaviour experts

Year 3	Online Safety CEOP Computer Networks - The School system, The WWW	Online Safety (Twinkl)	Robotics - We Do Lego	Create a Presentation (Twinkl)	Computer Programming – Sequence and Animation - Espresso coding Unit A	Computer Programming – Conditional Events - Espresso coding Unit B
Year 4	Online Safety CEOP (3 weeks) Computer Networks - edit and create html	Online Safety Unit (Twinkl)	Computer Programming – Introduction to variables - Espresso coding Unit A	Computer Programming – Repetition and loops - Espresso coding Unit B	Present the Weather / Record a radio show	Robotics - We Do lego
Year 5	Online Safety CEOP (3 weeks) Computer Programming – Speed, Direction and coordinates - Espresso coding Unit A	Computer Programming - Random numbers and simulations Espresso coding Unit B	Use Imovie to create a film trailer	Networks and HTML – Create a website	Mechanisms & Machines - Lego	Online Safety (Twinkl)
Year 6	Online Safety CEOP (3 weeks) Computer Programming – Introduction to Python	Computer – Introduction to Python continued	Create an animated film about WWII	Online safety and growing up	Spreadsheets	Mechanisms & machines - Lego