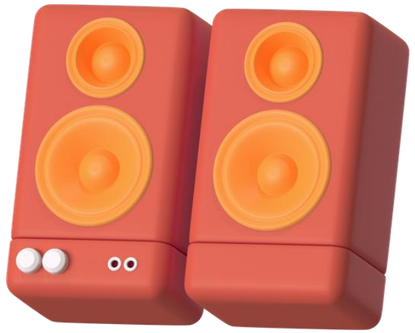
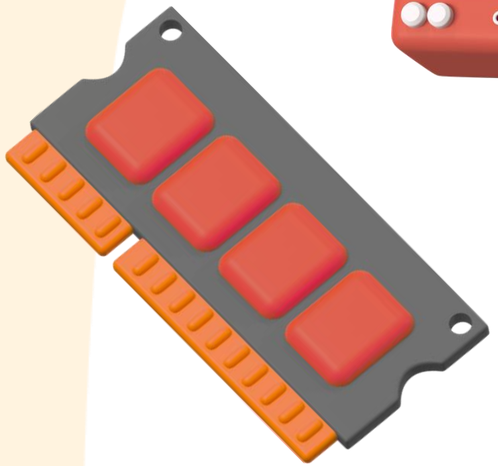
St Ursula's Catholic Primary School

Computing



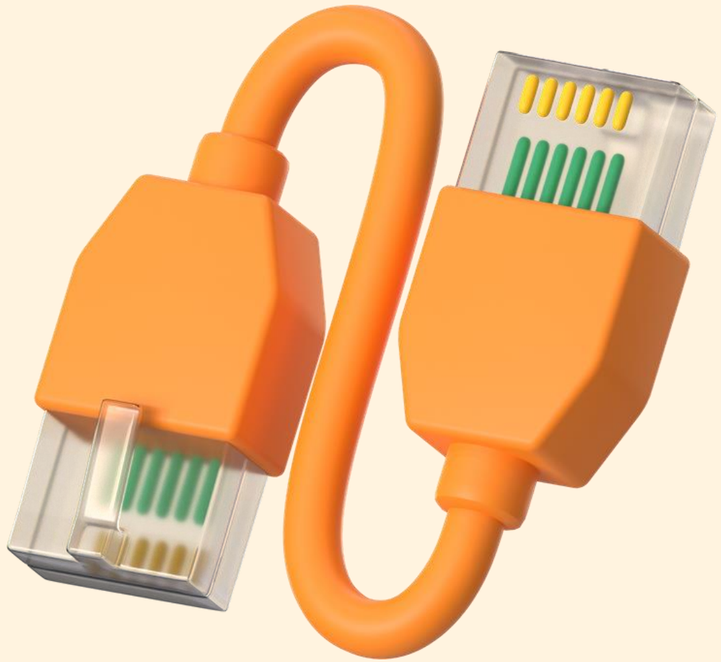


Computing Vision

In an increasingly digital world, our vision for Computing education is to equip every student with the skills and knowledge necessary to thrive in the 21st century. We aim to ensure that all classrooms are furnished with up-to-date technology, enabling students to engage meaningfully with digital tools across the curriculum. Our curriculum emphasises the importance of online safety, fostering a robust understanding of how to navigate the digital landscape securely and responsibly.

We aspire to cultivate resilience, confidence, and creativity within our pupils, encouraging them to explore solutions to complex problems. By providing opportunities for collaboration and critical thinking, we foster an environment where students can develop their capabilities as digital citizens. Ultimately, our goal is to inspire a lifelong passion for Computing, enabling learners to harness technology as a means of expression and empowerment in their academic journeys and beyond.

SCHEME OF WORK



As part of our Inspire Curriculum, teachers access a number of resources when teaching Computing. In line with our Inspire Curriculum, some units are taught using Kapow and in addition to this we also use Espresso Coding and CEOP Online Safety resources.

Our overview shows the units of work and progression.

OVERVIEW

St Ursula's Catholic Primary School

Combined Computing & Music Curriculum Map 2025-2026

	Autumn 1 7 ½ weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 5 weeks	Summer 1 6 weeks	Summer 2 7 weeks
Year 1 Computing	**Online Safety CEOP** (3 Lessons)	**Kapow: Computer Networks Mouse skills** (Lessons 1-3)	**Espresso: Computer Programming Level 1 - Unit A** (6 lessons)	**Kapow: Digital Imagery** (Lessons 1-3)	**Kapow: Online Safety** (Lessons 1-4)	**Espresso: Computer Programming Level 1 - Unit B** (6 lessons)
Year 1 Music	**Covered within weekly Music sessions (during PPA)**					
Year 2 Computing	**Online Safety CEOP** (3 lessons)	**Kapow: Computer Systems & Networks** (Lessons 1, 2 & 5)	**Kapow: Online Safety Unit** (Lessons 1-4)	**Espresso: Computer Programming Level 2 - Unit A** (6 lessons)	**Kapow: Data Handling** (Lessons 1, 3 & 5)	**Espresso: Computer Programming Unit B - Level 2** (6 lessons)
Year 2 Music	**Covered within weekly Music sessions (during PPA)**					
Year 3 Computing	**Online Safety CEOP** (3 lessons)	**Kapow: Computer Networks** (Lessons 1, 3 & 5)	**Kapow: Computer Systems** (Lessons 1, 2 & 5) **Kapow: Online Safety** lesson 1	**Kapow: Online Safety** (Lessons 2-5, *combine into 3 lessons*)	**Kapow: Create Media** (Lessons 1-4, *combine into 3 lessons*)	**Espresso: Computer Programming Level 3 - Unit A** (4 lessons, *combine into 3 lessons*)
Year 3 Music	**Ballads** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Genres, Musical Vocabulary & Compositions (vocal), Performance	**Pentatonic Melodies & Composition** (Lessons 1, 2 & 3) **Skills:** Musical Vocabulary, Notation, Compositions (tuned percussion), Performance	**Pentatonic Melodies & Composition** (Lessons 4 & 5)	**Traditional Instruments & Improvisation: India** (Lessons 1-3, *combine into 2 lessons*) **Skills:** Music around the World, Musical Vocabulary, Notation, Compositions (tuned percussion), Performance	**Traditional Instruments & Improvisation: India** (Lessons 4-5 –)	**Year 4: Adapting & Transposing Motifs: Romans** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Vocabulary, Notation, Motifs, Transposing (tuned & percussion), Performance

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Year 4 Computing	**Online Safety CEOP** (3 lessons)	**Kapow: Computer Systems & Networks Collaborative Learning** (Lessons 1, 3, 4 & 5)	**Espresso: Computer Programming Level 4 - Unit A** (3 weeks)	**Espresso: Computer Programming Level 4 – Unit B** (3 lessons)	**Kapow: Data Handling Investigating the weather** (Lessons 1, 3 & 4)	**Kapow: Online Safety** (Lessons 1, 2, 3 & 5)
Year 4 Music	**Body & Tuned Percussion: Rainforests** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Vocabulary, Compositions & Improvisation (body percussion & tuned percussion), Performance	**Changes in Pitch, Tempo and Dynamics: Rivers** (Lessons 1-3, *combine into 2 lessons*) **Skills:** Musical Vocabulary, Scaled Dynamics, Compositions (vocal & percussion), Notations, Improvisation, Performance	**Changes in Pitch, Tempo and Dynamics: Rivers** (Lessons 4-5) **Year 3: Developing Singing Techniques: The Vikings** (Lessons 1-2, *combine into 1 lesson*) **Skills:** Musical Vocabulary, Rhythmic Notation, Compositions (vocal & untuned percussion), Performance	**Developing Singing Techniques: The Vikings** (Lessons 3-5)	**Samba & Carnival Sounds & Instruments** (Lessons 1-2) **Skills:** Musical Genres, Syncopation, Rhythmic Breaks, Musical Vocabulary, Notation, Musical Improvisation Compositions (untuned percussion), Performance	**Samba & Carnival Sounds & Instruments** (Lessons 3-5)
Year 5 Computing	**Online Safety CEOP** (3 lessons)	**Espresso: Computer Programming Level 5 - Unit A** (4 lessons)	**Kapow: Data Handling Mars Rover 1** (Lessons 1, 2 & 4)	**Search engines** (Lessons 1-3, *combine into 2 lessons*)	**Search engines** (finish unit - lesson 4) **Kapow: Online Safety** (Lessons 1, 4 & 5)	**Kapow: Computer Programming Microbits** (Lessons 1-5, *combine into 4 lessons*)
Year 5 Music	**Composition Notation: Ancient Egypt** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Vocabulary, Different form of Notation, Improvisation, Rhythmic	**Blues** (Lessons 1-3, *combine into 2 lessons*) **Skills:** Musical Genres, Musical Vocabulary, Notation, Scales, Chords, Improvisation, Compositions (tuned instruments), Performance	**Blues** (Lessons 4-5) **South and West Africa** (Lessons 1-2, *combine into 1 lesson*)	**South and West Africa** (Lessons 3-5)	**Composition to represent The Festival of Colour: Holi Festival** (Lessons 1-2) **Skills:** Musical Vocabulary, Notation, Graphic Scores, Compositions (tuned percussion), Performance	**Composition to represent The Festival of Colour: Holi Festival** (Lessons 3-5)

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	Patterns, Layered Compositions (vocals, body percussion, tuned percussion), Performance		**Skills:** Musical Vocabulary, Notation, Chord Progressions, Compositions (vocals & tuned percussion), Performance			
Year 6 Computing	**Online Safety - CEOP** (3 lessons)	**Kapow: Computing systems and networks** (Lessons 1-3)	**Kapow: Creating Media History of Computers** (Lessons 3-5)	**SATS**	**Espresso: Introduction to Python** (4 weeks)	**Kapow: Online Safety** (Lessons 1, 2, 4 & 6)
Year 6 Music	**Dynamics, Pitch and Tempo: Fingal's Cave** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Genres, Musical Vocabulary, Notation, Graphic Scores, Conducting, Layered Compositions (vocals & tuned percussion), Performance	**Songs of WWII** (Lessons 1-5, *combine into 4 lessons*) **Skills:** Musical Genres & Eras, Musical Vocabulary, Notation, Improvisation, Complex Rhythms, Instruments (vocals & tuned percussion), Performance	**SATS Prep** (only 1 unit of Music and Computing to cover): **Baroque** (Lessons 1-4, combine into 3 lessons) **Skills:** Musical Vocabulary, Notation, Compositions (tuned percussion), Performance		**Baroque** (Lesson 5)	**Composing and Performing a Leaver's Song** (Lessons 1-5, *combine into 3 lessons*) **Skills:** Musical Vocabulary, Notation, Compositions (tuned percussion), Performance

ONLINE SAFETY

At St Ursula's Catholic Primary School we recognise the importance of keeping our children safe in the online world and when using technology. We nurture the amazing things we can do using technology but teach children to be respectful and kind online citizens.

We ensure Online Safety is looked at throughout the school year, at specific times each term and drip fed throughout the curriculum and in addition within our Wellbeing Curriculum.

ONLINE BUDDIES

Our Online Buddies, support our classes and help share important messages and updates to their classes.

They work with Mrs Marshall, to promote **Safer Internet Day** and spend time meeting with each other to learn more about staying safe online.

RESOURCES FOR PARENTS

Resources for parents can be found via our Online Saftety Page - click here.

Espresso coding - Children have their own login for Espresso Coding. Within this software, there is a challenge are where they can create their own code based on the lessons they complete in class.

During lessons, teachers will explain to children how they can use the free code area.