Mixed Age Curriculum

Primary Computing & e-Safety

For Teachers

United Curriculum
Primary
® Part of United Learning

Long Term Overview: Computing (Teach Computing)

	Year 1 & Year 2		Year 3	Year 4	Year 5 & Year 6	
	Cycle A	Cycle B	Cycle A & B	Cycle A & B	Cycle A	Cycle B
Autumn 1	Computing systems and networks **IT around us**	Computing systems and networks **Technology around us**	Computing systems and networks **Connecting computers**	Computing systems and networks **The internet**	Computing systems and networks **Communication**	Computing systems and networks **Sharing information**
Autumn 2	Programming **Robot algorithms**	Programming **Moving a robot** Geography – Here I am	Programming **Sequence in music**	Creating media **Photo editing**	Programming **Selection in physical computing**	Creating Media **Vector drawing**
Spring 1	Creating media **Making music** Science – Living things and their habitats	Creating media **Digital painting**	Data and information **Branching databases** Science – Living organisms	Creating media **Audio editing** Science – Sound	Creating Media **3D modelling** Art – Sculpture	Programming **Variables in game**
Spring 2	Data and information **Pictograms** Science – Living things and their habitats	Data and information **Grouping data** Science – Everyday materials	Creating media **Animation** Science – Plants Geography – Investigation mountains and volcanoes	Data and information **Data logging** Science – States of matter	Data and information **Spreadsheets**	Programming **Selection in quizzes**
Summer 1	Programming **Digital photography** Art – Digital art	Creating media **Introduction to animation** DT – Moving pictures	Programming **Events and actions**	Programming **Repetition in shames**	Programming **Sensing** Science – Functions of the human body	Creating media **Video editing**
Summer 2	Creating media **Introduction to quizzes**	Programming **Digital writing**	Creating media **Desktop publishing** Geography – Looking at Europe	Programming **Repetition in games**	Creating media **Webpage creation**	Data and information **Flat file databases** Geography – Climate across the world