

Curriculum Overview 2026 - 27 Subject - Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Caterpillars	Topics – Colours and Festivals Experiment with toys that turn on and off. Identify and name different technology around the home. Show curiosity and interest regarding toys that light up, make sounds, use switches and require them to make them work. Develop language linked to how toys work and to describe what toys do when they give some sort of output.		Topics – Winter and Pets Use cameras and iPads to record achievements. Children take photographs of their pictures and models. Go for learning walks and allow the children to photograph points of interest. Photograph seasonal changes and the nursery environment. Develop language linked to taking photographs.		Topics – Planting and Growing & Under the sea Learn about computers and what they do. Talk about the different parts of the computer. Play simple games on computers and iPads to develop understanding of technology. Use simple painting programs to make marks on the screen using a mouse.	
Nursery	Topic – Me and my family Introduce computers, listening station and smartboard. Talk about the different parts of the computer. Use 2-simple software to develop mouse skills.	Topic – Night and Day Introduce computers, listening station and smartboard. Use 2-simple software to develop mouse skills. Identify different types of technology.	Topic – Traditional tales Continue to develop mouse control by using programs and games which require drag and drop skills. Look at different uses of technology in school and at home. Learn about internet safety.	Topic – Favourite stories Develop computer skills using espresso and mini-mash. Use 2-simple, 2 paint a picture to experiment with mark making on a screen. Change colours and brush sizes to draw simple representations of their ideas.	Topic – In the garden Introduce the children to Beebots. Learn how to program Beebots to follow instructions to move forwards and backwards. Use classroom computers to develop mouse skills.	Topic – Moving to big school Experiment with a variety of programs. Allow children to select games and begin to double click to open up programs themselves. Recognise and name the different parts of a computer and talk about what they do.
Reception	Topic – Who am I? Introduce children to computers in ICT suite and classrooms. Log on and log off correctly. Introduce a variety of programs. Develop mouse control. Develop drag and drop skills using a variety of different programs. Learn about e-safety	Topic – What can we celebrate? Log on and log off correctly. Introduce a variety of programs. Develop mouse control. Develop drag and drop skills using a variety of different programs. Select programs that they want to use independently. Learn about e-safety	Topic – Where can we explore? Develop mouse and keyboard skills using a range of different programs. Learn how to program simple toys and screen icons to move forwards and backwards. Learn about e-safety	Topic – What is the creature I can see? Develop mouse and keyboard skills using a range of different programs. Learn how to program Beebots and screen icons to move forwards, backwards and make left and right turns. Learn about e-safety	Topic – Who are we visiting in storyland? Continue to develop mouse control and use a paint program to make simple patterns and pictures. To develop keyboard skills and locate keys on a keyboard. Learn about e-safety	Topic – What happens next? Continue to develop mouse control and use a paint program to make simple patterns and pictures. To develop keyboard skills and locate keys on a keyboard. To use the shift key to make a capital letter. Learn about e-safety

Year 1

Children will follow the Purple Mash year 1 scheme of work throughout the academic year in the following order.

Year 1

Information Technology Computer Science Digital Literacy

Unit Title	Introduction to PM	Creative Computing	Data Explorers	Creating & Following Instructions	Animated Stories	Coding	Technology Around Us	Making Beats
Lessons	3	4	6	3	6	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Children will use computing skills to help them learn in other curriculum areas in planned sessions each week.

Year 2

Children will follow the Purple Mash year 2 scheme of work throughout the academic year.

Year 2

Information Technology Computer Science Digital Literacy

Unit Title	Creating Pictures	Making Music	Spreadsheets	Route Explorers	Questioning	Coding	Presenting Ideas	The Internet
Lessons	5	3	6	4	4	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Children will use computing skills to help them learn in other curriculum areas in planned sessions each week.