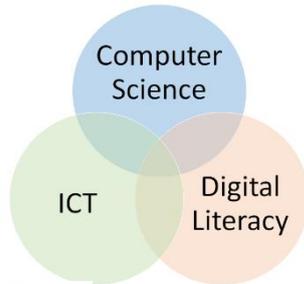


Computing

at



Our curriculum and approach



In Year 1 & 2, our children engage in weekly Computing lessons. The pupils develop their knowledge and skills in Computer Science, Information Technology and Digital Literacy. We use 'Purple Mash' Scheme of Work to enhance our teaching and learning of Computing, adapting activities to suit our children and how they learn. Developing life skills and confidence when using a range of technologies.

If something doesn't work straight away, think how to solve it and keep trying.

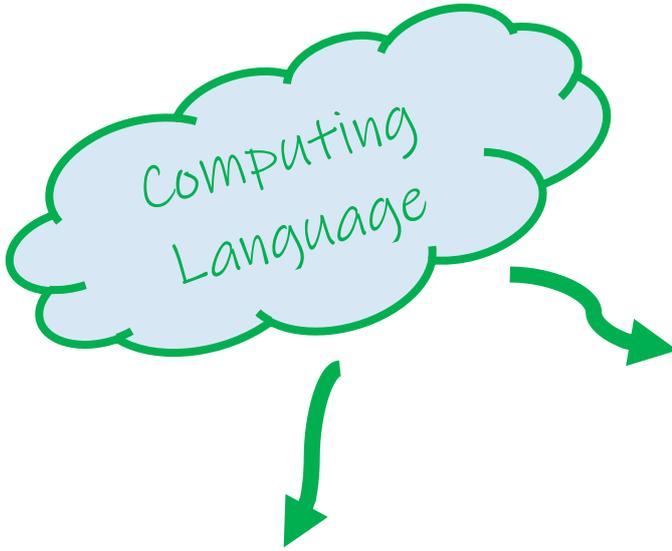
Computing in our Early Years



Computing and technology are vitally important throughout EYFS. Delivering Computing lessons to our Reception child ensures that they enter Year 1 with a strong foundation of knowledge.



EYFS pupils access Computing through engaging and practical activities. It ensures that children develop their listening skills, problem solving abilities and thoughtful questioning – as well as improving subject skills across the seven areas of learning.



Our children are encouraged to use a range of Computing vocabulary to support their understanding. The children are introduced to subject specific language and they apply this into different contexts. Through Quality First Teaching, we teach pupils to use their computational and creative thinking to solve problems, to use technology effectively and digitally literate.

Our pupils use 'Knowledge Organisers' to support their learning of key facts and vocabulary. They are encouraged to look back at their prior learning to consolidate what they have found out.



Purple Mash Computing Scheme of Work Knowledge Organiser
Unit: 1.1
Online Safety and Exploring Purple

Key Learning

- To log in safely.
- To learn how to find saved work in the Online Work area and find teacher comments.
- To learn how to search Purple Mash to find resources.
- To become familiar with the icons and types of resources available in the Topics section.
- To start to add pictures and text to work.
- To explore the Tools and Games section of Purple Mash.
- To learn how to open, save and print.
- To understand the importance of logging out.

Key Resources

Key Vocabulary

Alert A system that lets you know if you have something to look at.	Avatar A digital picture to represent someone.	Button An area where you click to make something happen.
Device A piece of electrical equipment made for a purpose.	File Name The name given to an online piece of work.	Icon An image on a web page that you can click on to navigate to somewhere.
Log in Using a username and password to access a system.	Log out Leaving a computer system.	Menu A button which gives the user different options.
My Work Area The place on Purple Mash where your work is stored. Only you and your teachers can access this.	Notification A message telling you about something.	Password A series of letters, numbers and special characters that is entered after the username to access an online site.

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MEMORY FLASHPOINTS...

These are key facts that our children have learnt in computing throughout their time at our school. Discussing this learning at regular intervals helps them to store it in their long term memory...

Purple Mash Computing Scheme of Work Knowledge Organiser
Unit: 1.1
Online Safety and Exploring Purple Mash

Purple Mash Tools
A selection of programs which help you carry out different tasks.

Saving
Store your work as you create something so it can be accessed later.

Search
A way of finding specific resources you want to look at.

Key Images

Log in Screen

Avatar

Save your work

Tools section of Purple Mash

Subjects & Topics

This picture shows you if you have any notifications

The area of Purple Mash where your work is stored

Key Questions

What is a password and why should we keep them safe?
A password is a secret word or phrase that allows a user to access a website. Passwords are like toothbrushes in that they should not be shared with anyone else.

What is a digital avatar?
In Purple Mash, an avatar is a picture you create in the software to represent you. It is safer to use an avatar on the internet than have a picture of yourself.

Where is my work stored on Purple Mash?
In Purple Mash, most of the work you create will be saved in the My Work section of Purple Mash. The only person that can see this work is the teacher and you.

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**National
Science Week**

**Safer Internet
Day**

**Fun
experiments**

*Celebrating
Computing
at our school*

**Special
Visitors**

**STEM activities
and competitions**

**Homework
ideas**

*What do our
children think
about computing?*

**"The Chromebooks have
buttons on the keyboards."**

**"It's great. I love using the
Chromebooks!"**

**"You need to
ask a grown-
up when you
use the
Internet."**

**"I like using Purple
Mash at home."**

**"You need to use
your password."**

**"It doesn't matter if I make a mistake. I know I can try
and fix it!"**

**"It's fun using the
whiteboard to
play Maths
games!"**

**"I like using the
BeeBots."**

**"Don't talk to strangers
online."**