

Year 1 Term 3

What in the world is beautiful?

COMPUTING



National Curriculum Links:

Use technology purposefully to create, organise, store, manipulate and retrieve digital content.

Recognise common uses of information technology beyond school.

Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Essential Prior Learning:

Children will have used a keyboard in the ICT suite and on a school laptop.

Children will have learnt online safety rules in Reception.

Progression in Skill:

Grow confidence in finding letters on a keyboard/ tablet in order to type short sentences.

Find and use the space bar and delete keys on a keyboard.

Use a full stop at the end of a sentence.

Use the left mouse button to select options on a screen and draw/paint.

Carry a laptop correctly.

Press the X in the top right-hand corner to close down a screen.

Log on and shut down with support.

Children will always be encouraged to talk to a trusted adult if they are worried for themselves or others, about content or contact on the internet or other online technologies.

Describe ways digital tools help us communicate with others.

Begin to understand the difference between communicating with people they know and people they don't.

Give examples of different types of personal information (address, school, phone number, photographs, passwords) and understand that personal information should not be shared online as it can be seen by others and copied.

Understand that it is important to be kind online and give examples of kind, respectful behaviour online.

Understand that children older than 5 should have less than two hours of screen time a day.

Long-term Memory Knowledge:

Use a keyboard to type sentences, containing spaces and full stops, using the delete key to remove unwanted typing.

Use a mouse to select options and produce a picture in the J2E program.

Demonstrate carrying a laptop correctly, showing some understanding of why it is carried in this way.

Log onto and shut down a computer safely.

Name some of the ways in which digital tools can be used to communicate, e.g. messaging.

Talk about some of the things you might do differently if you are communicating with someone you don't know rather than someone you do.

Give some examples of what is meant by personal information and know why it should not be shared online.

Know who to talk to if you are worried about any online content.

Know why we should be kind online and give examples of what kind behaviour might look like.

Know how much screen time someone your age should be having.

Key Vocabulary

keyboard	rows of buttons for typing letters and numbers into the computer
type	to press the keys on a keyboard to write something

keys	buttons to press on a keyboard
space bar	Long key on a keyboard for making a space between words
delete	remove writing
mouse	handheld pointing device used to select items on a screen
left button	the main button on a mouse used to select items
laptop	a computer that is small and light enough to carry around and rest on your lap
log on	to start working with a computer
shut down	close the computer

Progression in Resources:

Keyboard

Laptop

Relevance:

Now	Children can use a keyboard with greater accuracy and success to do what they want it to do; they broaden their understanding of what a computer can do; they know who they can turn to if they have concerns about being online and know some of the things they can do to keep themselves safe.
Future	Children can use a computer to facilitate their daily life, conducting themselves in a safe and respectful manner.
Aspiration	Children can use computers to write and illustrate documents and books and communicate information and ideas in many careers and hobbies.