

Knowledge Organiser Online Safety/Animated Stories/Making Music Year 1/2

What I have already learnt ELG's

- I show resilience and perseverance in the face of a challenge.
- I can talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'.
- I have developed my small motor skills so that I can use a range of tools competently, safely and confidently.
- I have used IT equipment to explore, use and refine a variety of artistic effects to express their ideas and feelings.
- I have tried new activities and show independence, resilience and perseverance in the face of challenge.
- I have learnt the reasons for rules, know right from wrong and try to behave accordingly.
- I know how to safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function

Recall and Remember

Quiz Unit 2.2 Online Safety

[Purple Mash by 2Simple](#)

Quiz Unit 1.6 Animated Story Books

[Purple Mash by 2Simple](#)

Quiz Unit 2.7 Making Music

[Purple Mash by 2Simple](#)

What I will have learnt by the end of my Key Stage

- I will know how what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions
- I will know how to create and debug simple programs
- I will know how to use technology purposefully to create, organise, store, manipulate and retrieve digital content
- I will know common uses of information technology beyond school
- I will know how to use technology safely and respectfully, keeping personal information private; identify where to go for help and support when I have concerns about content or contact on the internet or other online technologies

Key skills I will learn/use



Key Concepts/Strands

- Computing Science
- Information Technology
- Digital Literacy

My skills and knowledge that I may use from other subjects

Literacy- I can use my literacy skills to read and input data

Mathematics- I can use my mathematical skills to read and interpret diagrams and graphs

Opportunities for teaching Diversity, Equality (including protected characteristics) and expanding Cultural Capital

Show children examples of contrasting countries and cultures that do not have the same opportunities as we have

- [Educational video: The Third World for kids | Happy Learning](#)

Look at what technology will look like in the future.

- [Technology of the Future | Safe Search \(safesearchkids.com\)](#)

Key Knowledge

- To understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions
- To create and debug simple programs
- To use logical reasoning to predict the behaviour of simple programs
- To use technology purposefully to create, organise, store, manipulate and retrieve digital content
- To recognise common uses of information technology beyond school
- To 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

What I will have learnt by the end of this unit

Unit 2.2 Online Safety

- To know how to refine searches using the Search tool.
- To use digital technology to share work on Purple Mash to communicate and connect with others locally.
- To have some knowledge and understanding about sharing more globally on the Internet.
- To introduce Email as a communication tool using 2Respond simulations.
- To understand how we should talk to others in an online situation.
- To open and send simple online communications in the form of email.
- To understand that information put online leaves a digital footprint or trail.
- To identify the steps that can be taken to keep personal data and hardware secure.

Unit 1.6 Animated Story Books

- To introduce e-books and the 2Create a Story tool.
- To add animation to a story.
- To add sound to a story, including voice recording and music the children have composed.
- To work on a more complex story, including adding backgrounds and copying and pasting pages.
- To share e-books on a class display board.

Unit 2.7

- To make music digitally using 2Sequence.
- To explore, edit and combine sounds using 2Sequence.
- To edit and refine composed music.
- To think about how music can be used to express feelings and create tunes which depict feelings.
- To upload a sound from a bank of sounds into the Sounds section.
- To record and upload environmental sounds into Purple Mash.
- To use these sounds to create tunes in 2Sequence

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Key Vocabulary Unit 2.2 Online Safety

Attachment

A computer file sent with an email.

Digital footprint

The information about a person that exists on the Internet as a result of their online activity.

Email Messages

distributed by electronic means from one computer user to one or more people.

Filter

A feature of search engines, where a user can filter results according to criteria. For example, news, date published.

Internet

A way to send information from one computer to another anywhere in the world using technology such as phones, satellites and radio links.

Personal information

This is information that is personal to someone. For example, their favourite food, their name and age. Private information This is personal information that should be kept secure. For example, their date of birth, their full address, credit card numbers.

Search

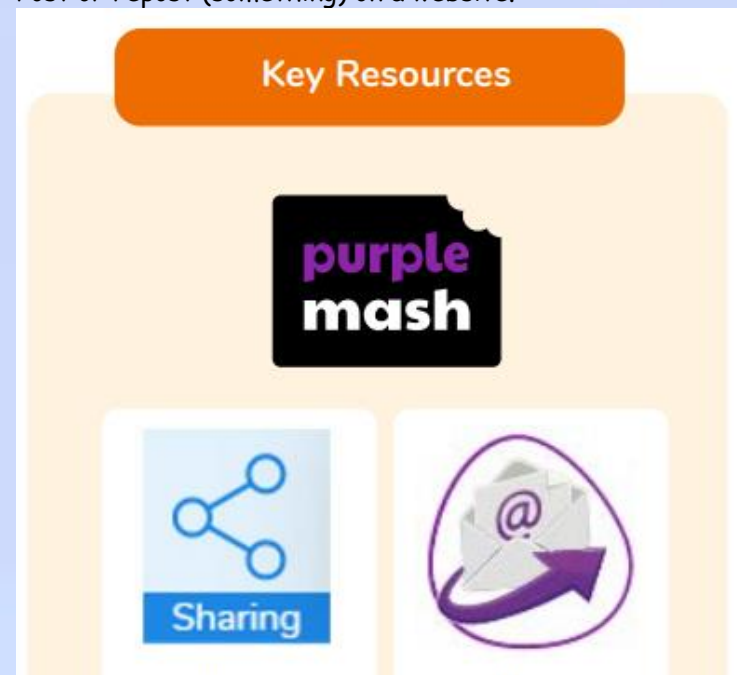
Look for information (in a database or the World Wide Web) using a search engine.

Secure

Users online should take steps to help keep their personal and private information secure.

Sharing

Post or repost (something) on a website.



Key Vocabulary Unit 1.6 Animated Story Books

Animation

An object that moves on screen.

Clip-art Gallery

A place in software such as 2Create a Story where a library of images can be found and inserted into a file.

Background

An image inserted into a file that sits behind text, objects, or buttons.

E-book

A book that can be read on the computer or on a tablet.

Edit

Edit means to change something. For example, change some text to improve it.

Font

The style of text used in a piece of writing on a Sound computer or tablet.

Sound

Sounds can be uploaded into software from a file or created.

Sound Effect

A sound other than speech or music made for use in a play, film or computer file.

Text

Words, letters, numbers or symbols entered into a computer, such as writing text in 2Create a Story



Key Vocabulary Unit 2.7 Making Music

Tune

Musical notes joined together to make a melody.

Compose

To create a piece of music.

Note

A single tone in music.

Beat

A rhythmic unit in music.

Sound Effect

A sound other than speech or music.

Soundtrack

A recording of the musical accompaniment of a film or tv programme.

Speed

The number of beats per minute (bpm) played in the music.

Tempo

The speed at which the music plays.

Volume

How loud or quiet the music is.

