



Purple Mash Computing Scheme of Work: Knowledge Organisers

Unit: 2.6 Creating Pictures

Key Learning

- To learn the functions of the 2Paint a Picture tool.
- To learn about and recreate the Impressionist style of art (Monet, Degas, Renoir).
- To recreate Pointillist art and look at the work of pointillist artists such as Seurat.
- To learn about the work of Piet Mondrian and recreate the style using the lines template.
- To learn about the work of William Morris and recreate the style using the patterns template.
- To explore surrealism and eCollage.

Key Resources



2Paint a Picture

Key Vocabulary

Art

A visual form of creative activity and imagination.

Palette

Within computer graphics, this is the range of colours or shapes available to the user.

Style

A particular way in which something looks or is formed.

Fill

Causing an area to become full, in this case, of colour.

Pointillism

Pointillism was a development of impressionism. It was invented mainly by George Seurat and Paul Signac. Pointillist paintings are created by using small dots in different colours to build up the whole picture. Colours are placed near each other rather than mixed.

Impressionism

The impressionist movement began in the 1860s and became most popular in the 1870s and 1880s. It differed from the common art of the time because it wasn't religious art, showing scenes from religious stories or specific events, but was just intended to capture a scene at a moment. The art gave an 'impression' of the scene.

Surrealism

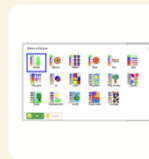
Explored the subconscious areas of the mind. The artwork often made little sense as it was usually trying to depict a dream or random thoughts.



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Key Images



Choose the style you want to paint in



Open, Save and Share your picture



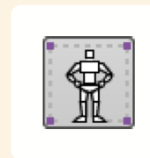
Choose a background for your picture



Undo and redo



Zoom in and Zoom out



Outline options



Eraser and colour palettes



Fill tool and pen thickness

Key Questions

What are the main features of Impressionism?

Impressionism is a style of painting that focuses on the effects of light and atmosphere on colours and forms. Impressionist artists often used broken brush strokes.

What are the main features of Pointillism?

Pointillism is a painting technique developed by the artist George Seurat. It involves using small, painted dots to create areas of colour that together form a pattern or picture.

What are the main features of Surrealism?

Surrealistic art is characterized by dream-like visuals, the use of symbolism and collage images. Several prominent artists came from this movement, including Renee Magritte, Salvador Dali, and Max Ernst.



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Unit: 2.5 Effective Searching

Key Learning

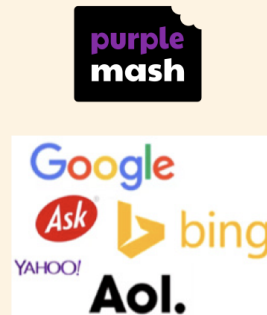
- To understand the terminology associated with searching.
- To gain a better understanding of searching on the Internet.
- To create a leaflet to help someone search for information on the Internet.

Key Questions

How can I search the Internet?

The easiest way to search the Internet is using a search engine. The search engine crawls the Internet looking for answers to the search enquiry. Google is a popular search engine.

Key Resources



Key Vocabulary

Digital Footprint

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

Domain

Part of the Internet owned by an individual, company or organisation.

Internet

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

Network

Connected devices that can send and receive information, voice and video.

Search Engine

A program to help you find web pages on the Internet.

Web Address

Identifying address for a file or web page on the Internet. Also known as URL.

Web Page

A single page which can include images, videos and charts.

World Wide Web

The web pages and documents you see when you are browsing online. It is just one part of the Internet.

Web Site

A collection of web pages that belong to one domain.



Purple Mash Computing Scheme of Work: Knowledge Organisers

Unit: 2.7 Making Music

Key Learning

- 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.

Key Resources



Key Vocabulary

Beat

A rhythmic unit in music.

Compose

To create a piece of music.

Note

A single tone in music.

Tune

Musical notes joined together to make a melody.

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.