

Science

Light

- Recognise that they need light in order to see things and that dark is the absence of light.
- Notice that light is reflected from surfaces.
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by a solid object
- Find patterns in the way that the size of shadows change
- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Sound

- Identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Find patterns between the pitch of a sound and the features of the object that produced it
- Find patterns between the volume of a sound and the strength of the vibrations that produced it
- Recognise that sounds get fainter as the distance from the sound source increases.

Art

Vincent Van Gogh

Express preferences for artist studied

Blitz paintings

Produce a wash using watercolour

Create a two part pattern or greater using printing

History

Musical Instruments

Select from a range of construction materials and components according to their properties.

Select and use from a range of tools to cut, shape, join and finish

Generate, develop and communicate ideas through discussion & annotated sketches

Music

Sing in a round as part of a group.

Continue own part in a round.

Read notation to perform a tune.

Light, Sound and Colour

IT

Living things and their Habitats

Programming

2 Code - Purple Mash

Typing Baggy Hat, Slap Now, Extra Quiz (Y3)

Simple phrases - typing speed (Y4)

Databases - Purple Mash animals.

Multimedia

Stop Animation 1 Entrust Scheme Y3 (extend to

Y5 unit 2)

D&T

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