



Topic title- Urban Pioneers

Topic Focus- Science (light and shadow), Geography (maps, settlements & landscape) and Art & Design (Urban/Street art).



Year 3- Spring 2

This is the knowledge organiser for our topic. It includes all the learning outcomes, key facts and vocabulary. Please share this with your child to help them develop their knowledge and understanding of our topic.



Urban Art

Art created outside on walls and buildings is known as urban art. Graffiti is a form of urban art that is mainly made up of words. Urban artists use spray paint to create words and pictures that usually show the feeling of the artist or give a message.

What is a city?

A city is a large settlement where lots of people live and work. Cities have good transport links. Some people live in the city centre but many live in the residential areas surrounding cities, called suburbs.

Banksy

Banksy is a well known urban artist who has produced many interesting pieces of art in cities around the UK.



Key vocabulary:

Capital City – A city that is the centre of government of a country.

District – an area of a city or country.

Monument – A building, statue or structure that is built to honour an event or person.

Opaque – an object or material that light cannot be seen through.

Port – a town by the sea or by a river that has a harbour.

Reflect – to send back light, heat or sound without absorbing it.

Residential – an area where there are private houses not offices or factories.

Settlement – a place where people live.

Urban – In, from or belonging to a town or city



Light from the sun.

The sun is our main source of light. It contains the visible light that we can see and ultraviolet light that we cannot see. Ultraviolet light causes our skin to tan but can also burn our skin. It can also damage our eyes, so sunglasses are important to protect our eyes from the dangers of ultraviolet light.

Sources of Light



A light source is something that gives out light. They can be natural e.g. the sun or man-made e.g. electric light bulb. Some objects appear to give out light but are actually reflecting light e.g 'cat's eyes' in the road and the moon.

Shadows

A shadow is formed when light from a light source is blocked by an opaque object. It is formed on the side of the object furthest from the light. The size and shape of a shadow depends on the position and size of the light source.

