

E-Safety



data
handling



Year 4 - Computing

Data Logging



Key Vocabulary

import

Documents/files/digital items that a person has transferred from one programme to another

export

To save a copy of the current open document, database, image or video into a file format required by a different application

data

information, usually numerical, that is collected and stored in a form suitable for processing

analyse

breaking something down into its inter-related components in order to understand it

data logger

is a digital device that can collect data over time and store it

sensor

type of input designed to allow computers to capture data from the physical environment



Sticky Knowledge

Data loggers can be used to collect data over time and this information can be used to answer questions

Computers can capture data from the physical world using input devices called 'sensors'

Links to Previous Learning

Y2- tally chart, pictograms, block diagrams

Y3 - branching database. Use 'yes'/'no' questions to group objects.

Keeping safe online

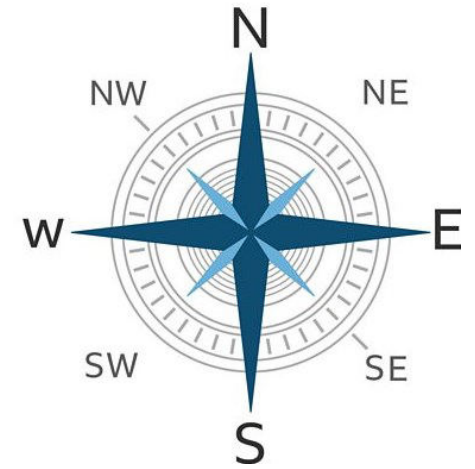
explorers



location



Year 4 - Geography Navigational Skills



Key Vocabulary

compass

an instrument which points out directions such as north, south, east and west

navigator

a person who is in charge of getting the vessel from one place to another

astronomy

a branch of science that deals with space and the universe

equator

an imaginary line that is positioned halfway between the north and south poles

circumnavigate

to travel around something

Hemisphere (northern and southern)

A half of the earth (top half or bottom half)

Sticky Knowledge

Navigation skills have developed and improved over time

Compasses have eight-points and can be used to find given locations

Links to Previous Learning

EYFS -
looking at and making maps

Yr2 -
Pirates topic
Creating treasure maps

media

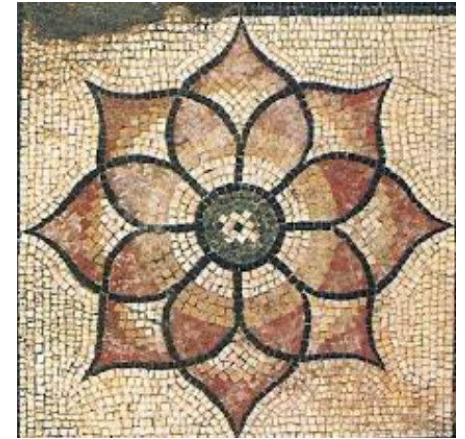


appreciation



Year 4 - Art

Symmetrical Mosaics



Key Vocabulary

pattern

a decorative design

mosaic

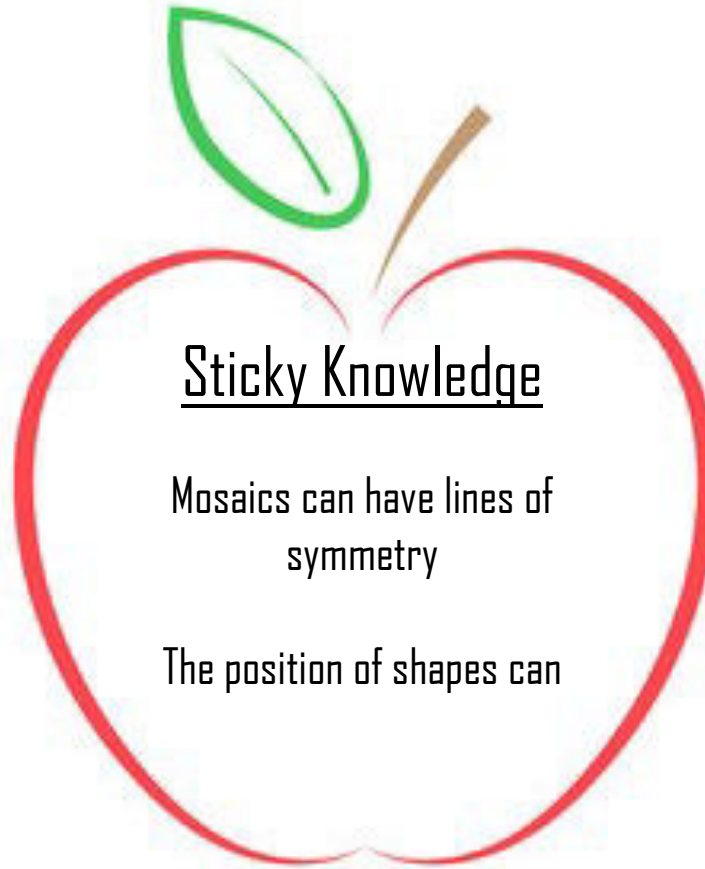
a pattern or picture made by
arranging small pieces of
stone, tile, glass etc

decorative

to make something look more attractive

symmetrical

one side is exactly the same as the other, a mirror image



Sticky Knowledge

Mosaics can have lines of
symmetry

The position of shapes can

Links to Previous Learning

Y2-
symmetry in maths

Y3 -
Ancient Romans
Used to decorate homes of

design



engineers



Year 4 - DT

Gustave Eiffel



Key Vocabulary

engineer

a person who designs or builds engines, machines or structures

criteria

characteristics to consider,
include or be judged on

stability

the state of being stable

tensile strength

Sticky Knowledge

Gustave Eiffel was an engineer

The shapes within a structure affect its
overall strength

Links to Previous Learning

Y3-
Brunel

Y4 -
Thames Barrier

Y4 -

evidence



chronology



conflict



Lifestyles



Year 4 - History

Civilisations

Ancient Greece

(Term 4)



Key Vocabulary

archaeological - the study of human activity through the recovery and analysis of material culture

battles—a sustained fight between large organized armed forces.

scenes—the place where an incident in real life or fiction occurs or occurred.

vase - a decorative container typically made of glass, china or clay and used as an ornament

ally - a person or group that provides assistance and support in an ongoing effort, activity, or struggle.

city -states - community structure of ancient Greece

Sticky Knowledge

That artefacts provide evidence about the lifestyles of people in the past.

That conflict not only happens between two different countries but also within the same country.

Links to Previous Learning

KS1—learning about different cultures and periods of time in History

Year 3/4 - Learning about the Stone Age, Egyptians and Roman Civilisations

God &
Believing

Religious
Sources



S

Year 4 - RE

Salvation



Big Question: Why do Christians call the day Jesus died Good

Key Vocabulary

incarnation

A person who embodies in the flesh a deity, spirit, or quality

resurrection

Coming back to live

betrayal

Not being loyal to a person

denial

A statement that something is not true

reconciliation

Be at peace again

Sticky Knowledge

Christians see and celebrate Holy Week as the end of Jesus' earthly life, leading to his death and resurrection.

The various events of Holy Week were important in showing the disciples what Jesus came to do.

Links to Previous Learning

Year 1 and 2-why does Easter matter?

Y3 - events of Holy Week.

Worships - Eucharist, Lord's prayer, lighting the candle