

Year 4 - Art

Portraits

Kehinde Wiley

appreciation



Key Vocabulary

influencers

A person that influences another

proportion

The dimensions of a composition and relationships between height, width and depth

Sticky Knowledge

Portraits are pictures of people.

There are rules to create good proportion in a portraits.

Kehinde Wiley is an artist that uses portrait and patterned

Links to Previous Learning

EYFS—Colour Mixing

KS1—Investigating colour—
Primary, Secondary, light, dark,
tone

Learning about different
artists

engineers



Year 4 - DT

Pneumatics

Robert William



Key Vocabulary

motion

The action or process of moving

pneumatics

Technology with the mechanical property of gases.

compress

Flatten by pressure: squeeze or press.

Sticky Knowledge

Pneumatic powered machines use compressed air or other gases to create motion.

Robert William made the first pneumatic tyre

Links to Previous Learning

KS1—Learning about engineers and what they do
Learning about purpose of products
Mechanisms

Y3-

E-Safety



data
handling



Year 4 - Computing

Data Logging



Key Vocabulary

analyse

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

data logger

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

Computers can use special input devices called sensors to monitor the environment.

Data loggers can be used automatically collect data.

A computer can review and analyse data.

Links to Previous Learning

Y2- tally chart, pictograms, block diagrams

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

Year 4 - Geography

United Kingdom

location



physical



Key Vocabulary

compass

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

navigate

the process of finding a route from one place to another

axis

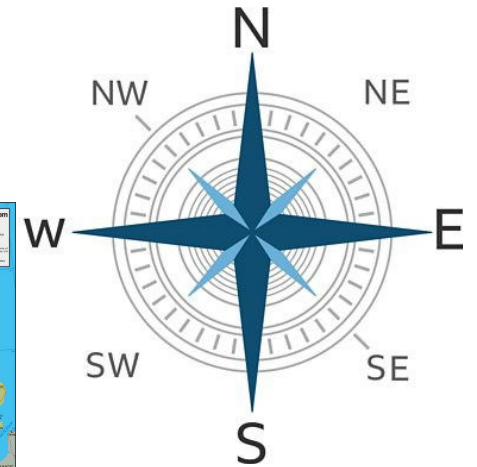
an axis on a map is a reference line that helps you measure coordinates

coordinates

are numbers that indicate the position of a point on a map or grid

grid reference

is a way to pinpoint a location on a map using a grid of numbered lines



Sticky Knowledge

To use 4 figure grid references you find the number of the square: Start at the left-hand side of the map and go east until you get to the bottom-left-hand corner of the square you want. Write this number down.

The physical characteristics of the UK

Links to Previous Learning

Y1-explain the purpose of a map/identify UK and countries on map

Y2-identify physical and human features on arial map in the UK

Y3 - eight compass points, 4 main types of settlements/

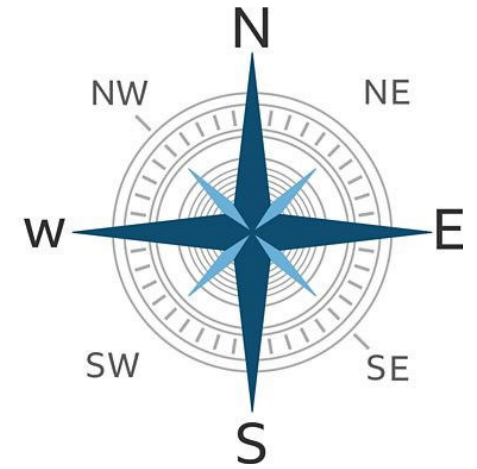
explorers



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

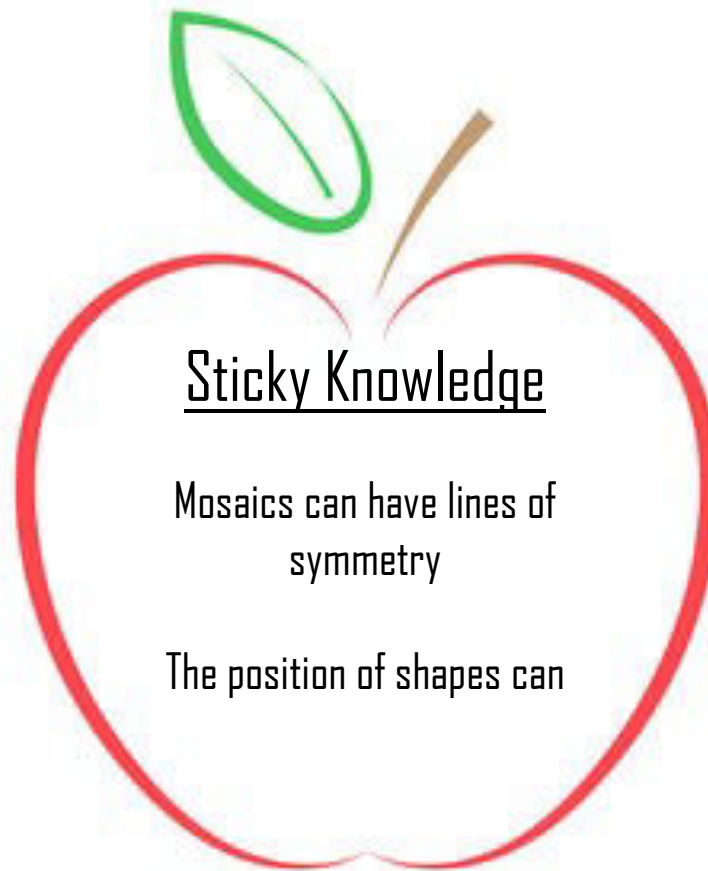
a pattern or picture made by arranging small pieces of stone, tile, glass etc

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

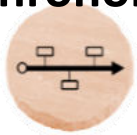
Y4 -
Thames Barrier

Y4 -

evidence



chronology

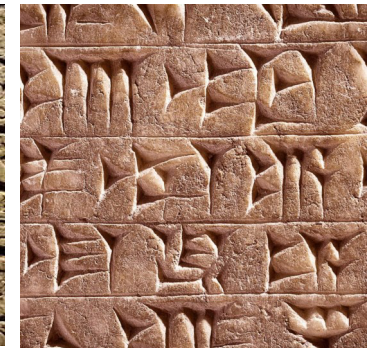


lifestyles



Year 4 - History

Comparing Egyptians to other civilizations



Key Vocabulary

Hieroglyphs

A picture of an object representing a word, syllable, or sound, as found in ancient Egyptian and certain other writing systems

Cuneiform

denoting or relating to the wedge-shaped characters used in the ancient writing systems of Mesopotamia

script

handwriting different from print—
written characters

Sticky Knowledge

All ancient civilizations created their own form of written communication.

Cuneiform was the first

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 Ro-

notation



genre



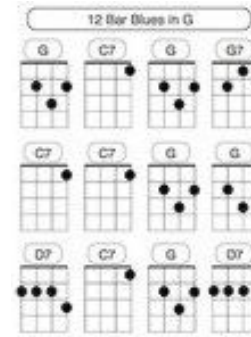
Year 4 - Music Genre of the Term

Classical

performance



appraisal



Key Vocabulary

concert

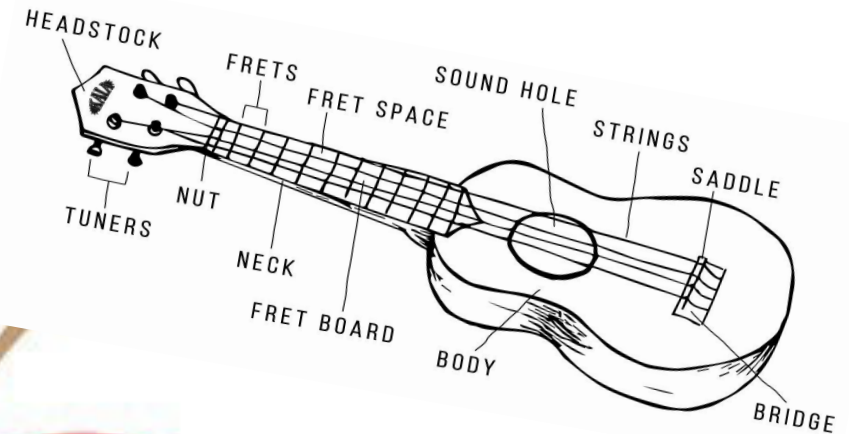
a musical performance given in public, typically by several performers or of several compositions

scale

any consecutive series of notes that form a progression between one note and its octave, typically by order of pitch or fundamental frequency.

encore

a repeated or additional performance of an item at the end of a concert, as



Sticky Knowledge

A 12-bar blues pattern is a chord progression that consists of three chords played over 12 beats.

Skills needed to compose

Links to Previous Learning

Y3 - Recorders / Glockenspiels
(notation,
performing simple songs using B,A,G
notes)



Year 4 - RE Salvation

(Term 4)



Key Vocabulary

betrayal

Not being loyal to a person

ritual

a religious ceremony consisting of a series of actions performed according to a prescribed order.

denial

A statement that something is not true

Sticky Knowledge

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

Christians believe the various events of Holy Week, such as the Last Supper, were important in showing the disciples what Jesus came to do.

Christians today, trust that Jesus really did rise from the dead, and

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