



# Year 4 - Art

## Kehinde Wiley



### Key Vocabulary

#### **influencers**

to build a following by consistently posting content for their followers.

#### **proportion**

the size relationship between different parts of a picture.

#### **Intricate**

### Sticky Knowledge

Portraits are pictures of people.

There are rules to create good proportion in a portrait

Kehinde Wiley is an artist who uses portrait and patterned backgrounds for effect.

### Links to Previous Learning

Year 2-Georgia O'Keefe

Year 3- Peter Blake



# Year 4 - Term 4

## Data and Information

### Key vocabulary

#### Sensor-

A device that detects and measures what is happening in the environment, such as temperature, light, or sound.

#### Data Logger

A device that automatically collects and records data over time using sensors.

### Sticky Knowledge

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

A computer can review and analyse data.

Data loggers can be used automatically collect data.



### Links to previous learning

**YR 1/2-** Following and creating simple instructions and recognising that computers follow commands in order.

**YR 3-** Writing simple programs, using sequences and repetition, and understanding that programs can have errors (debugging)

**Y 4 Term 2-** Collecting data using digital

## Analyse

To look at data carefully to find patterns, make comparisons, or answer a question.

# Year 4, Term 4-



## Key Vocabulary

### **motion**

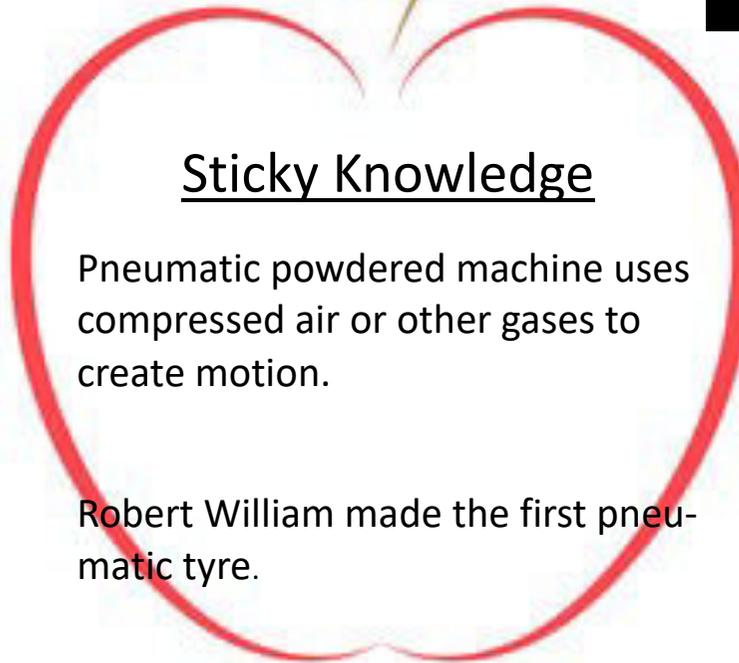
A change in position compared to a place or object that is not moving.

### **compressed air**

Regular air that has been squeezed into a much smaller space.

### **pneumatic**

Using compressed air to move machinery and to make mechanisms work.



## Sticky Knowledge

Pneumatic powdered machine uses compressed air or other gases to create motion.

Robert William made the first pneumatic tyre.



## Links to Previous Learning

Year 3– Pneumatics  
(Ctesibius)



physical features



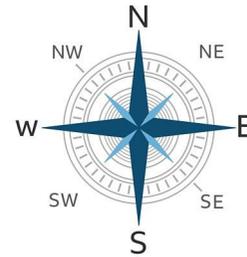
location

# Year 4 Geography— Map work

## Key Vocabulary

**Coordinates** each of a group of numbers used to indicate the position of a point, line  
**axis** an imaginary or real straight line around which an object rotates

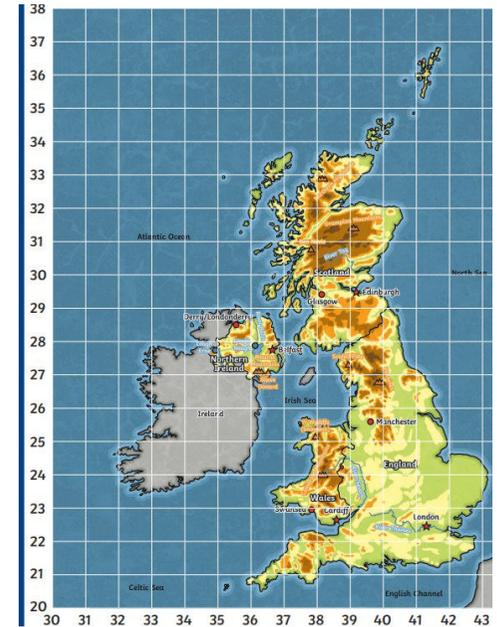
**Navigate** plan and direct the course of a ship, aircraft, or other form of transport, especially by using instruments or maps  
**grid reference** a location on a map, which is found using the northing and easting numbered lines.



## 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 have changed over time.



## Links to Previous Learning

Year 3: Map work





# Year 4 - Term 4

## Comparing Egyptians to other civilizations

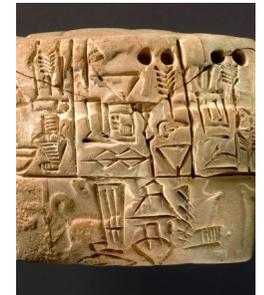
### Key vocabulary

**Script** handwriting as distinct from print; written characters

**Pictograph** a pictorial symbol for a word or phrase.

Pictographs were used as the earliest known form of writing, examples having been discovered in Egypt and Mesopotamia from before 3000 BC.

**Cuneiform** the wedge-shaped characters used in the ancient writing systems of



### Sticky Knowledge

All ancient civilizations created their own form written communication.

[Links to previous learning](#)

**Year 3 Other ancient civilisations**

**Mesopotamia, Persia, and  
Ugarit, surviving mainly on clay tablets.**





# Year 4 - Blues, Music

## Key Vocabulary

### scale

A group of musical notes arranged in a specific pattern

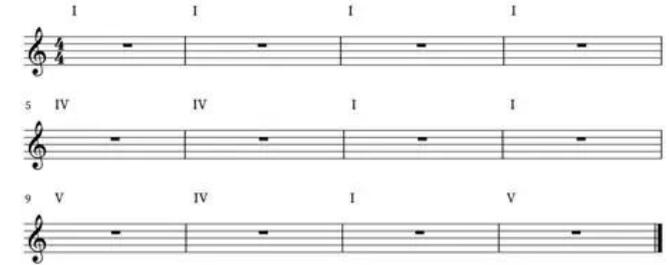
### blue note

A note that is slightly altered in pitch

### Encore

An additional or repeated performance

## 12 Bar Blues



## Sticky Knowledge

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

## Links to Previous Learning

Y3– Recorders

Y4– Ukulele

# Year 4 - Salvation



## Why do Christians call the day Jesus died 'Good Friday'? (Term 4)



### Key Vocabulary

#### Reconciliation:

People being brought back into a good relationship with God, often linked to forgiveness.

#### Denial

Saying something isn't true, even when it is.

#### Ritual

A special action or ceremony that is repeated and has meaning.

A message from God, often predicting future events or revealing His will.

#### Betrayal:

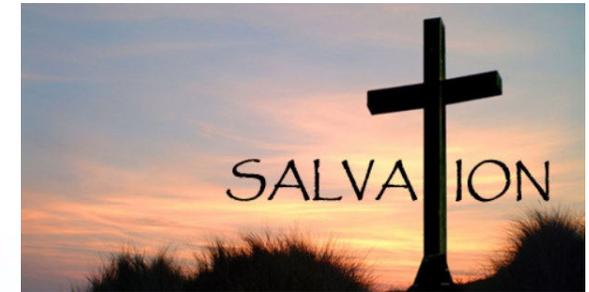
Betrayal means hurting someone's trust by being disloyal or unfaithful.

### 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 so is still alive today.



### Links to Previous Learning:

**Y1/2:** Understanding morals and the difference between right and wrong.

**Y3:** Learning how and why religious figures made important choices, even when they were difficult.

**Y4 Term 1:** Understanding God and Christians' beliefs about Jesus and his re-



# Year 4 - Science

## States of Matter

### States of Matter



### Key Vocabulary

**thermometer**

Measure of warmth/cold

**evaporation**

Process where a liquid turns into a gas

**condensation**

When water vapor (a gas) cools and turns back into liquid water

### Sticky Knowledge

Evaporation is the same state change as boiling (liquid to gas) but it happens slowly at lower temperatures.

Anders Celsius was the inventor of the temperature scale.

### Links to Previous Learning

Y3– Sound

Y4– Water cycle