

## Art Year 5 Autumn: Banksy – Urban Art (Drawing and Painting and Digital Artwork)

### What do I need to know from previous topics?

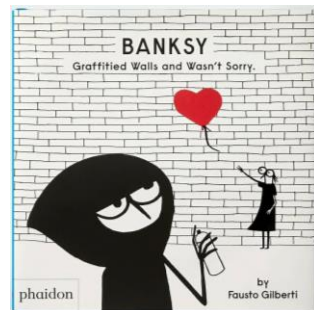
Tone is how light or dark something is. We can create tone in our drawings by applying different pressures with our pencils.	Adding a small amount of black or white paint to an existing colour can change its tone.
Warm colours are orange, yellow, and red. Blue, purple, and green tend to be cold colours. Warm and cold colours evoke different moods and feelings in a piece of artwork.	Watercolours are a type of paint that can be mixed with water to create layers of colour on paper.

### What will I need to remember for future learning?

Lines move the viewer's eye around the piece and create a sense of movement.	Many abstract artists, such as Banksy, use their artwork to portray messages to the viewer.
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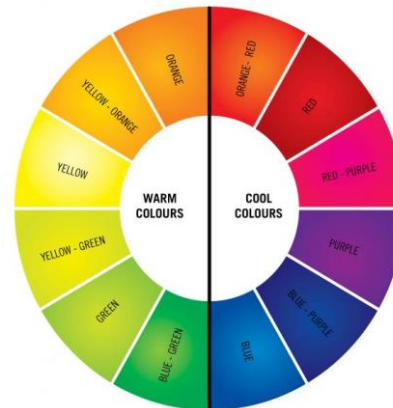
### Key text

'Banksy Graffitied Walls and Wasn't Sorry' by Fausto Gilberti

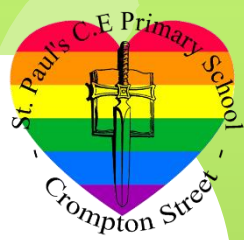


### Key artists and artwork

Banksy: Girl with Balloon



Key Vocabulary	Definition
<b>graffiti</b>	writing or drawings scribbled, scratched, or sprayed on a wall or other surface in a public place
<b>hue</b>	a colour in its original form without tint or shade
<b>abstract</b>	art that does not attempt to represent subjects realistically, but instead uses shapes, colours and bold forms
<b>theme</b>	the message that the artist wishes to convey through the artwork
<b>atmosphere</b>	how we feel when we look at piece of artwork, usually evoked by the colours and subject



**What do I need to know from previous topics?**

The Stone, Bronze and Iron Age on a timeline and how religions, travel, farming and culture has developed.

The location of Egypt, more specifically Alexandria and Rome.

**What will I need to remember for future learning?**

Cleopatra was the last pharaoh of Egypt before the Romans took over.

Pharaohs were mummified and buried in tombs and pyramids when they died.

Tutankhamen was known as the Boy King and was famous because his tomb was found in 1922 by Howard Carter.

There were over 2,000 Ancient Egyptian Gods and Goddesses. Also, cats were considered sacred animals in Ancient Egypt.

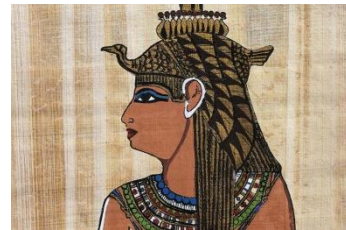
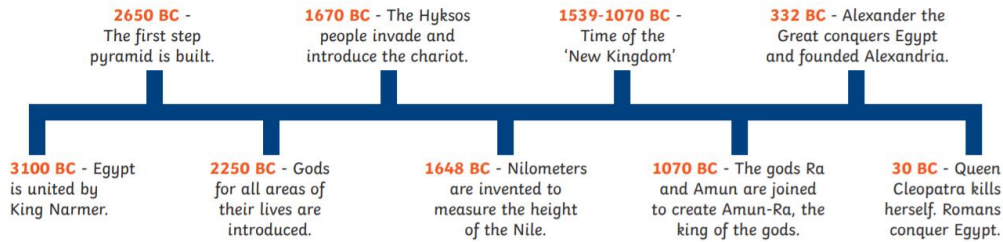
Scribes were the few Ancient Egyptians who knew how to read and write.

**How does this topic impact on our lives today?**

The Egyptians were the first civilization to invent writing.

The Egyptians lived by the River Nile and would use the water to grow crops, to get food from and for soil.

# Ancient Egypt



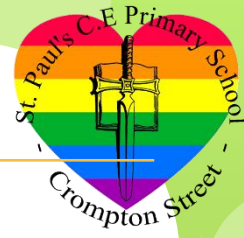
Important people

- Cleopatra
- Tutankhamun
- Howard Carter
- Hatshepsut

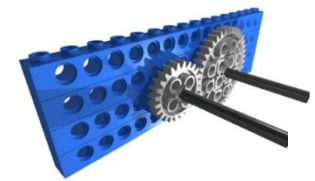
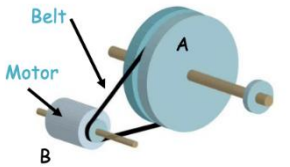
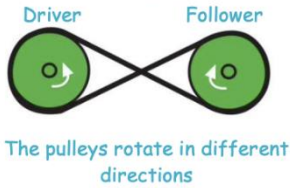
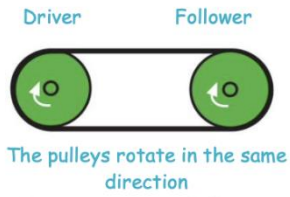
Key Text

You wouldn't want to be an Egyptian Mummy – David Stewart

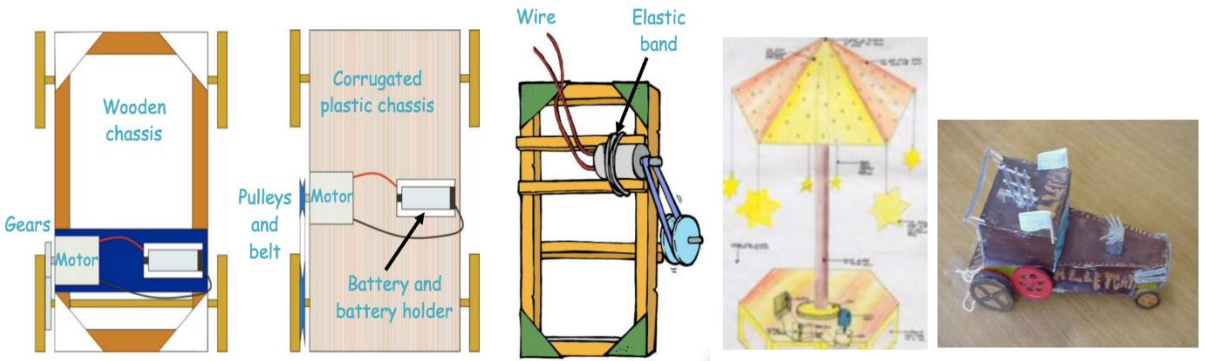
Key Vocabulary	Definition
<b>pyramid</b>	Ancient structures in Egypt, originally built as tombs for their pharaohs
<b>pharaoh</b>	A ruler in Ancient Egypt
<b>mummy</b>	A body of a human or animal that has been preserved
<b>tomb</b>	An underground vault made for burying the dead
<b>hieroglyphs</b>	A method of communication using pictures to represent words.
<b>archaeologist</b>	A person who studies historical sites and artefacts to learn about the past



Design brief: To research, design and make a toy fairground ride for sale in a museum shop.



Techniques and diagrams:



What will I know by the end of the unit?	
How playground rides use different types of movements: linear motion, rotary motion, reciprocating motion, oscillating motion.	How pulleys and gears are used in everyday, such as, riding a bicycle and driving a car.
The purpose and target audience of different playground rides, and how these are designed and made to cater for that audience.	The tools and materials (electrical and mechanical components) required to make a toy playground ride. Knowing the order these need to be used and the constraints that will occur.
The materials required to make different playground rides, alongside ensuring these have safety features.	How to evaluate whether a product meets the needs, wants and interests of the user group.

Key Vocabulary	Definition
<b>pulley</b>	a grooved wheel over which a drive belt can run.
<b>gear</b>	a wheel with teeth around its circumference.
<b>drive belt</b>	the belt which connects and transfers movement between two pulleys.
<b>gearing up and down</b>	changing the rotational speed of a product by the use of pulleys or gears.
<b>mechanical system</b>	a set of related parts or components used to create movement.
<b>reciprocating motion</b>	In a straight line one and then the other way.
<b>oscillating motion</b>	In a circular path, first one way and then the other way.
<b>driver</b>	the gear or pulley that provides the input movement to the system.
<b>Motor spindle</b>	the rod on the end of the motor onto which a gear or pulley is attached.

Key Vocabulary

English	French
a tree (trees)	un sapin (sapins)
a gift (gifts)	un cadeau (cadeaux)
a stocking (stockings)	un soulier (souliers)
a bauble (baubles)	une boule (boules)
a star (stars)	une étoile (étoiles)
a garland/tinsel	une guirlande (guirlandes)
Merry Christmas	Joyeux Noël
Christmas Eve	le réveillon
small	petit
big	grand
I would like...	Je voudrais...
Voici...	Here is...

What will I know by the end of the unit?

- How to write a sentence in French using the correct structure
- How to describe Christmas objects by size and colour
- How to write a letter to Father Christmas



le Père Noël



un sapin



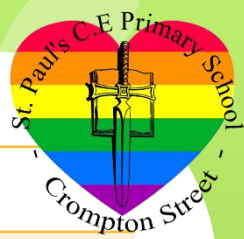
une étoile



une boule



une guirlande



What will I know by the end of the unit?	
The importance of respecting others, even when they are very different from me or make different choices or have different preferences or beliefs.	There are many benefits to living in a diverse, multi-cultural society.
Friendships are like plants – they need looking after; they grow, change and develop.	The information we see online, either text or images, is not always true or accurate.
Social media sites have age limits to protect young people from harm.	Recognise that some people post things online about themselves that aren't true, sometimes this is so that people will like them.

Key Vocabulary	Definition
<b>discrimination</b>	The unjust treatment of different categories of people.
<b>Stereotype</b>	A widely held idea of a particular type of person or thing.
<b>Social media</b>	Websites and apps that enable users to create and share content in social networking.
<b>Multi-cultural</b>	Relating to or containing several cultural or ethnic groups within a society.
<b>Diverse</b>	Showing a great deal of variety.
<b>Attributes</b>	A quality or feature.



Respect & Tolerance

British Values – Tolerance

- Show empathy and understanding of people from different backgrounds
- Learn about difference cultures
- Respect values different from your own

Mini Minds

Kindasaurus

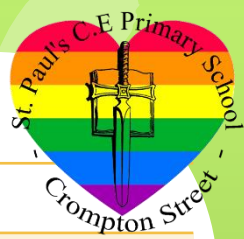
Helpfulsaurus



Key Dates:

- Anti-bullying/Friendship Week (Choose Respect) 11<sup>th</sup> – 15<sup>th</sup> November
- Odd Socks Day 11<sup>th</sup> November
- ‘Christmas Jumper Day 6<sup>th</sup> December (Save the Children)





**What do I need to know from previous topics?**

The *Qur'an* is a Holy Text that Muslims believe is God's final message to humanity, revealed to the *Prophet Muhammad* through the *Angel Jibril*.

Islam teaches that *Allah* is the one true God, and only *Allah* is worthy of worship.

**What will I need to remember for future learning?**

There are five pillars of Islam that are essentials to Muslim life: *Shahadah*, *Salah*, *Sawm*, *Zakat*, *Hajj*.

Ihram clothes are worn by Muslims as a symbol of purity, equality and commitment to God.

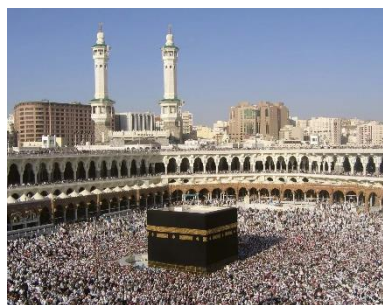
Muslims desire to visit *Mecca/Makkah*, witnessing the significant sites such as the cave at *Hira* where the *Prophet Muhammad* received the *Qur'an*, the *Kab'ah*, *tawaf*, *s'ay*, *Arafat* and *wuquf*.

Muslims demonstrate and appreciate the importance of commitment, generosity, self-control, worship, obedience to *Allah*.

*Surah al-Fatihah* (the opening of the *Qur'an*) and the 'commandments' (*Surah 17* of the *Qur'an*) are beliefs and rules that Muslims put into practise.

Many of the traditions and celebrations that people take part in at Christmas link to the importance of the Birth of *Jesus*.

Key images:



**Key Vocabulary**

**Definition**

**Allah**

the Arabic word used by Muslims for God.

**Ramadan**

the ninth month of the Islamic calendar, observed by Muslims as a month of fasting, prayer, reflection, and community.

**pilgrimage**

a journey, often to an unknown place, where a person searches for new meaning through the experience.

**almsgiving**

the act of donating money, food, or other items to people in need of them, especially as a spiritual practice.

**Gospel**

the record of *Jesus Christ's* life and teaching in the first four books of the New Testament.

**Herod**

*King of Judea* who (according to the New Testament) tried to kill *Jesus* by ordering the death of all children under age two in *Bethlehem*.

Key Texts

The *Qur'an*:  
*Surah al-Fatihah*;  
*Surah 17*  
Hadith

Matthew 1:18-25  
and 2: 1-16  
Luke 2:1-20

## Science Year 5 Autumn 2

## How different will you be when you are as old as your grandparents?

### What do I need to know from previous topics?

That humans need the right types and amount of nutrition and they get nutrition from what they eat.

Animals grow from offspring into adults.

### What will I know by the end of the unit?

All humans go through the same life cycle: they are born, grow older and bigger, some may reproduce and then they die.

The human life cycle begins with an embryo which then develops into a foetus.

Inheritance results in humans sharing physical features with their parents and siblings.

The average human life expectancy is 73 years but this length of time can vary.

If you have a sensible diet and look after your body, you can live healthily into old age.

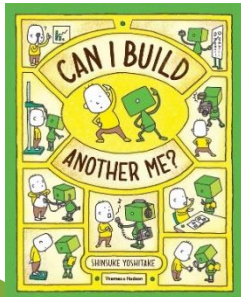
Children develop into adults during adolescence and become physically capable of reproduction.

Some people need to be cared for and looked after due to physical and mental changes during old age.

The early years, especially the first three years of life, are very important for building the baby's brain

The human gestation period is around 9 months.

The human body goes through important physical changes during early adolescence, this is called puberty.

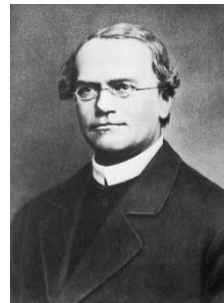


### Key Text

'Can I build another me?'  
by Shinsuke Yoshitake

### Key person

Gregor Mendel



### Key Vocabulary

### Definition

#### puberty

the time when your body begins to develop and change as you move from childhood to adult.

#### gestation

the time between conception and birth, during which the embryo is developing in the uterus.

#### fertilisation

the male and female cells fusing together to create an embryo

#### life expectancy

the length of time, on average, that an animal is expected to live

#### embryo

an unborn human or animal in the earliest stages of growth when its basic structures are being formed.

#### adolescence

the body starts to change over a few years to enable reproduction during adulthood.

### Key diagram:

