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.

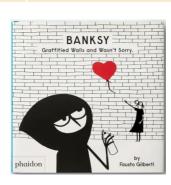
What will I need to remember for future learning?

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.

Key text

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



Key artists and artwork

Banksy: Girl with Balloon



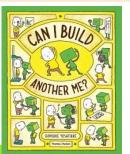


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Key Vocabulary	Definition Cromp
graffiti	writing or drawings scribbled, scratched, or sprayed on a wall or other surface in a public place
hue	a colour in its original form without tint or shade
abstract	art that does not attempt to represent subjects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

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 Texts
'Can I build another me?'
by Shinsuke Yoshitake

Key people Gregor Mendel



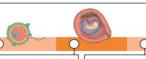
Key Vocabulary	Definition
puberty	the time when your body begins to develop and change as you move from childhood to adult.
gestation	the time between conception and birth, during which the embryo is developing in the uterus.
fertilisation	the male and female cells fusing together to create an embryo
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:

during adulthood.

Much more independent.

The male and female sex cells fuse together.



The cells develop

and grow into a

foetus inside the

mother's uterus.

nine months, the

After around

baby is born.

<mark>ifancy</mark> apid growth and

Rapid growth and development. Children learn to walk and talk.

children lege

Children learn new skills and become more independent.



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adolescence The body starts to change over a few years. The changes occur to enable reproduction middle adulthood Ability to reproduce decreases. There may be hair

There may be hair loss or hair may turn grey.

Leading a healthy lifestyle can help to slow down the decline in fitness and health which occurs during this stage.

early adulthood

The human body is at its peak of fitness and strength.

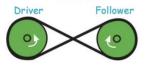
Design and Technology Year 5 Autumn

Mechanical Systems – toy fairground ride

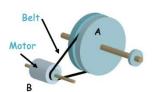
<u>Design brief:</u> To research, design and make a toy fairground ride for sale in a museum shop.

Driver Follower

The pulleys rotate in the same direction



The pulleys rotate in different directions





<u>Techniques</u> 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 caters 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.

Pulleys

Wooden

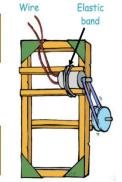
chassis

Corrugated

plastic chassis

Battery and

How to evaluate whether a product meets the needs, wants and interests of the user group.







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

P.S.H.E. Year 5 Autumn 2

Valuing Difference

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



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 13th 17th November 'Make a Noise About Bullying'
- Interfaith week 12th 19th November
- Christmas Jumper Day 7th December Save the Children





RE Year 5 Autumn 2

What does it mean to be a Muslim in Britain today?

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

Muslims desire to visit Mecca/Makkah, witnessing the significant sites such as

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

Muslims demonstrate and appreciate the importance of commitment,

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.

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.

generosity, self-control, worship,

obedience to Allah.

Key images:











Bethlehem

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 a journey, often to an unknown place, pilgrimage 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

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

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

History Year 5- Autumn 2

How can we re-discover the wonders of Ancient Egypt?



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.

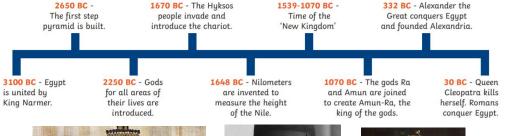
Scribes were the few Ancient Egyptians who knew how to read and write.

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

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