Year 2 Term 2

Design Technology

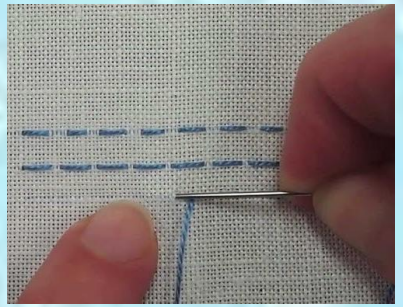
What I should already know:

- Children have previously measured, marked out, cut and shaped materials such as card and clay.
- Children have made products for a purpose.
- Children have created detailed designs.
- Children have evaluated what they have made.



What I will learn:

- To simple design criteria to help develop their ideas.
- Explore ideas, materials and components by making templates.
- Select from a range of tools and equipment and explaining choices.
- Assemble, join and combine materials and components.
- Create and evaluate a finished product.





Key Fact

Christmas decorations can be traced back to over 2,500 years ago in ancient Rome.



Key Vocabulary

Design	
Make	
Evaluate	
Decoration	
Sewing	



Year 2 Term 2

Incarnation-

Why does Christmas matter to Christians?

We already know:

- Christians believe that Jesus is God and that he was born as a baby in Bethlehem.
- The Bible teaches that Jesus' birth showed that he was extraordinary and that he came to bring good news.
- Christians celebrate Jesus' birth. Advent is a time for Christians to get ready for Jesus' coming.



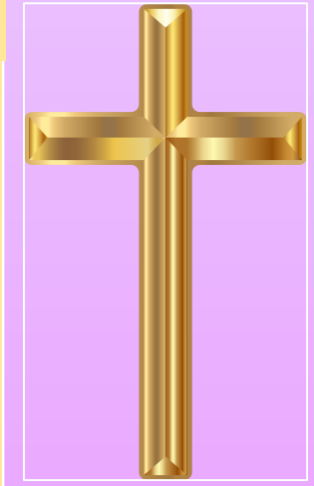
We are learning:

Recognise that Incarnation is part of the 'Big Story' of the Bible.

Tell the story of the birth of Jesus and recognise the link with Incarnation

Think about how Christians use the nativity story in churches and at home.

To ask questions about the Christmas story and the lessons they might learn from it.



Key Facts

Christians believe:

- Jesus is God's Son.
- We celebrate Christmas in order to celebrate the birth of Jesus.
- People celebrated Jesus like a King.



Key Vocabulary	
Christian	A believer in Jesus Christ and God.
God	A supreme being.
Bible	Christian's holy book.
Nativity	The story of Jesus' birth.
Christmas	Celebrating the birth of Jesus Christ.
creation	The act of God bringing the world into ordered existence.

Inspirational People



What makes Florence Nightingale and Mary Seacole inspirational?

Key Vocabulary	
war	When countries or other large groups of people use weapons to fight each other.
disease	A disease is a condition that impairs the proper function of the body or of one of its parts.
nurse	Nurses look after people who are unwell and try to help them to get better.
medicine	A liquid or tablet to help someone feel or get better.
Evidence	A clue to help you work something out.
Red Cross Medal	A military medal for exceptional services in military medals.

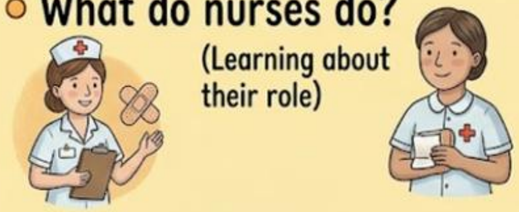
Florence and Mary were both nurses.





I already know:

- What do nurses do? (Learning about their role)



- Why are some special people and events important?



(Learning about significant people and events in history)

I will learn:

- What it means to be inspirational.



(Being a hero for others)

- How Florence and Mary changed nursing for the better.



(Improved nursing and made hospitals better)

- Comparing Florence and



(Comparing their lives and jobs)

- Investigating history clues and old things.



(Finding historical evidence and artefacts)

- Thinking about their biggest achievements.



(Evaluating their greatest achievements)

Year 2 Term 2



Science

Uses of materials





Key Vocabulary	
material	What objects are made from.
suitability	Having the properties which are right for a specific purpose.
properties	What a material is like e.g. hard, soft, transparent.











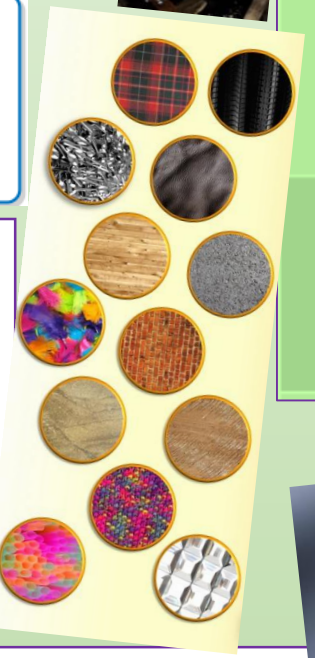












Are these made of suitable materials?





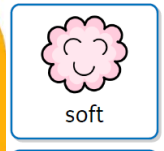


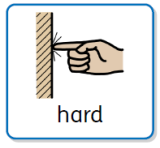
What I should already know:

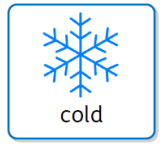
- Children can identify and name common types of materials.
- Children can describe simple physical properties of a variety of everyday materials.
- Children can recognise similarities and differences between materials.

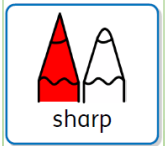


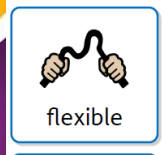


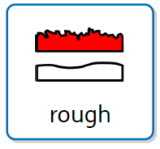


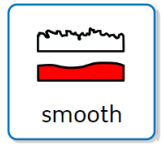










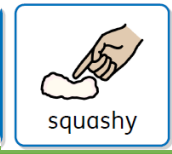












What I will learn:

- To Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- To develop scientific skills such as identifying, classifying, observation and using simple tests and investigations to answer questions.

COMPUTING: CREATING MEDIA- Digital Photography

Y2

KNOWLEDGE ORGANISER

Overview



Digital Photography

-We can use digital devices to help us to take and edit photographs.

-Many different devices can be used to take photographs, for example digital cameras, phones, tablets and webcams.

-We can also use lots of different apps and programs to edit and improve photos, for example Photoshop, Luminar and Pixlr.

-We should understand the not all photographs that we see are real – they may have been edited.

Taking Photographs

Photography is a way of making a picture using a camera.

-There are lots of different photography devices (things that we can take photographs on).

e.g. smartphones, digital cameras and tablets.

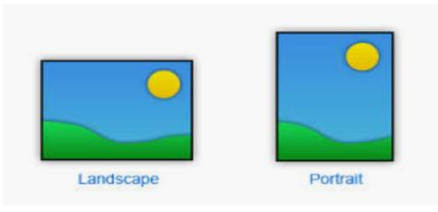


-There are also lots of different subjects we can take photos of: e.g. a selfie, an action shot, or a beautiful scene.

How to take a photograph

1. Hold the device firmly with both hands
2. Point the camera at the subject.
3. Look at the viewing screen.
4. Move the device to get the shot that you want.
5. Press the capture button.

Choose landscape or portrait.



Editing Techniques

Editing is when we add, change and remove things to get the result that we want. Many things can be edited in photographs to create different effects.



Photograph editing programs often have filters. These can change the colours in a photograph. Different colours can give us different feelings.



You can also change the contrast of a photograph. This can make the subjects become clearer or more blurry.



When the lighting of the photograph is not quite right, we can change the brightness of the photograph.



There are features that we can add or remove from the photograph whilst editing. E.g. removing red eyes.

When we want to save our edit, we should click on the 'save' button. The first time, we need to choose a file name and a location (folder) to save it in.

If we are using an iPad, we can retrieve our images from the camera roll.

Real or Edited?

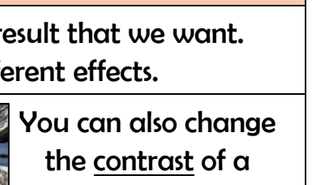
-There are lots of different ways that images can be changed. Sometimes it is hard to tell whether a photograph is real or has been changed.

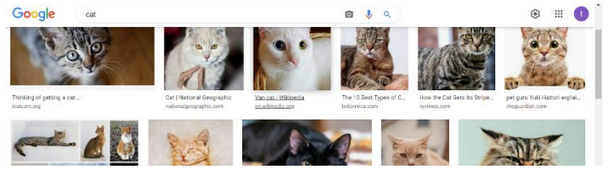
-The software for editing photographs is becoming better, and people are getting more skilled at using it.

-People may change a photograph to make it look as though it is real, but in fact it is edited

-They may do this to try and advertise a product or present something in a different way. Do not always believe what you see!







If we are looking at photographs on a website, we can use the scrollbar to move the page up and down.

Important Vocabulary

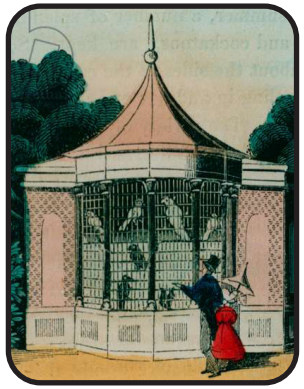
Device Capture Image Digital Landscape Portrait Filed of view Narrow Wide Format Framing Focal point Subject natter Compose Natura/artificial lighting Flash Focus Background/foreground Editing Tools Filter Changed Real

Name: .....

Class: .....

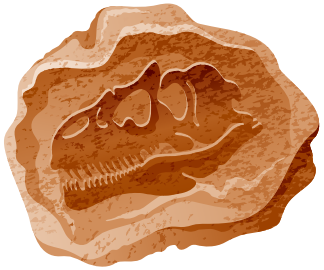
Year 2 Term 1

The carnival of the animals

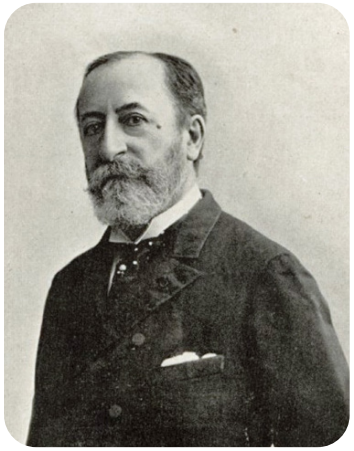




Meet the composer! He wrote the music.

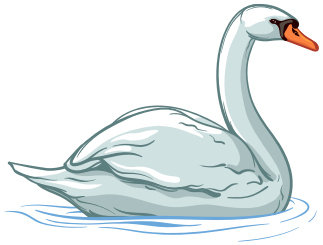


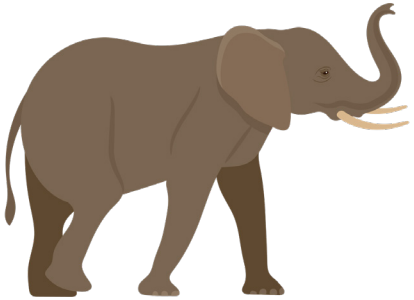




Camille Saint-Saëns

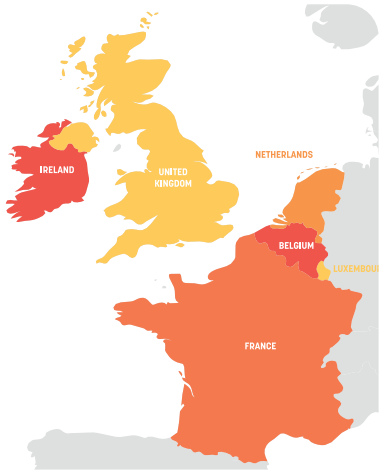
He is from France.







Listening to music is great fun! It can make you move and dance or make you feel calm and thoughtful.



He wrote this music a long, long, time ago in 1886.

It is his most famous piece of music.

Try using these words when talking about music ...

dynamics



quiet



LOUD

tempo



slow

slower



fast

faster

duration



short notes



long notes

articulation



jumpy



gliding



spiky

pitch



higher

high

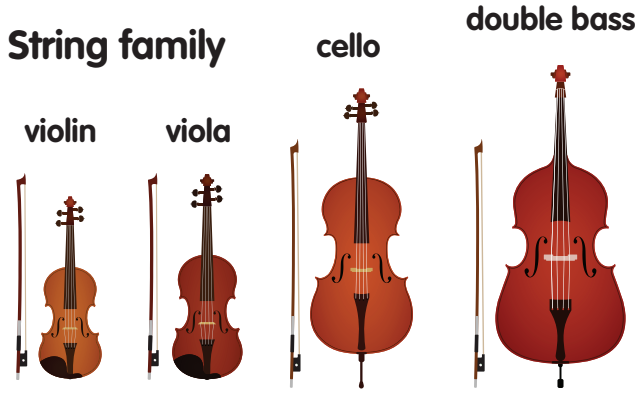
low



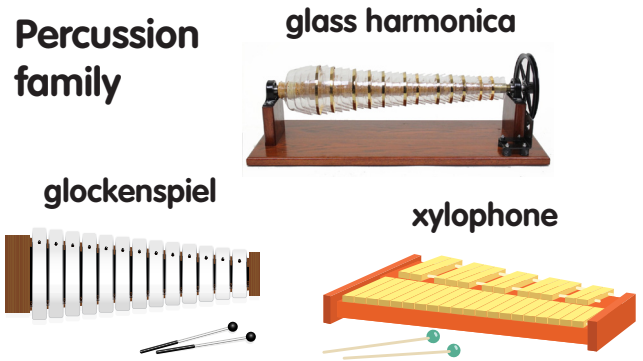
lower

Here are the instruments played in *The carnival of the animals.*

String family



Percussion family



A long, long, time ago

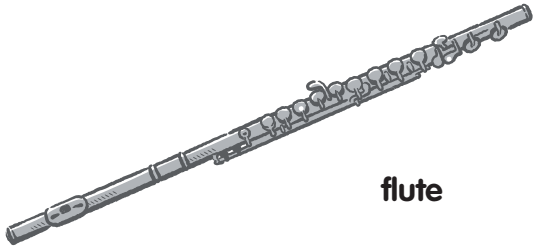
The carnival of the animals was composed - 1886.

A long, long, time ago

Your great grandparents were 6 years old.

Can you name the animal these instruments played for?

Woodwind family



Keyboard family



A long time ago

Your grandparents were 6 years old.

21st century - present

The lion king, Disney.

The Kanneh-Mason family



This family of seven brothers and sisters are all musicians.

They are world famous!

Sheku Kanneh-Mason played a cello solo at the wedding of Prince Harry to Meghan Markle.

I feel confident listening to music and can respond by talking or moving.

Add a comment:

How can I build safe, kind and caring relationships with others?

Words you will learn:

belong
To feel part of a group.

carer
A person who looks after someone.

fair
Allowing everyone the same chance.

share
To let others have, use or join something.

trust
Believing someone will be kind and helpful to keep you safe and happy.

I belong to:

- my community
- my class
- my **family**
- me



Jayden's family



Arjun's family



Nina's family

We treat everyone with kindness, respect and **care**.













We are all different and special.

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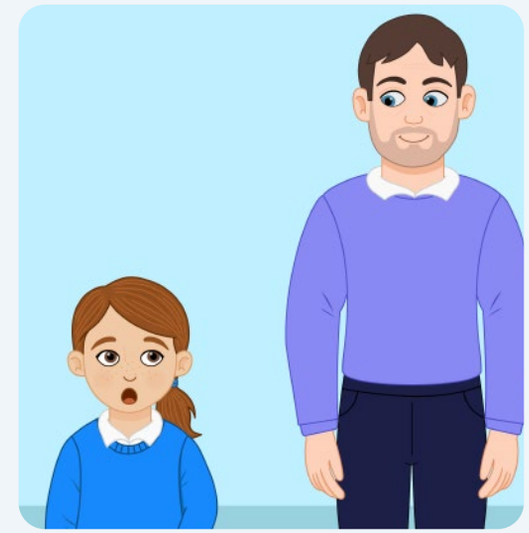
When things are tricky:

pause → stay **calm** → be kind



Bullying is unkind behaviour several times on purpose.
If you think bullying is happening, tell a **trusted adult.**





It is okay to say 'no'.



Please stop telling me what to do.



I don't want a hug.

It is important to ask for permission before doing something or touching someone.

Always ask a trusted adult for help if you feel sad, fear, anger or disgust.

I need help because...

I said 'stop' but...

Someone asked me to keep a secret and I feel...

I saw something online...

I feel scared...

I feel worried...

I feel confused...

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