

Science

Where does all that food go?

Investigate hidden sugars in food.

Recognise hidden sugars in foods.

What do animals eat?

Construct food chains and webs for a particular habitat.

What do animals' teeth tell us?

Group and classify animals according to their teeth.



Spiritual, Moral, Social and Cultural/ British Values

~ Discuss food labelling. Some foods that are marketed as healthy actually contain a lot of hidden sugar. Should this be legal? Do the children know how to access information on food packaging to help them make healthy choices?

~ Recognise the implications of how different food chains are connected in a food web. What happens when one part of the web is removed? What are the implications?

~ Discuss brands. Do we always get a better product when we pay more? Remind children of the importance

Year 4 Ms Andrews Autumn second 2019 Topic Map

RE



The Christmas Message

Christians believe that God sends messages in many unexpected ways to those that listen. Consider how God might send messages? In the Bible story of Christmas there are lots of occasions when God sent messages using angels.

Humanities

World War Two

Campaigns and posters

Why were there campaigns during the war?

Learn about how the war affected peoples everyday lives; the reactions of people, how they suffered during the war, their courage and resilience.

Understand that the war created many refugees.

Learn how Jewish people were treated during the war.

Anne Frank's

Diary

Read extracts

from Anne

Frank's Diary.

Ask children to

imagine they

are Anne Frank

and write a

diary entry.



Spiritual, Moral, Social and Cultural/ British Values

~Discuss Remembrance Day and why it is important to remember the people who fought and suffered during WW2.

~ Think about the suffering of war. Is it ever worth it?

How do the children think we could stop wars?

~ Think about people in England today who are struggling to feed their families. Discuss crisis in Sudan, families are unable to feed themselves. Could we be doing more to stop starvation?

of fair trade, buying goods at a fair price so producers are paid enough.

Electricity What makes it work?

Sort electrical products according to their power source.

Recognise difference

between devices that only work when plugged in and those which are plugged in for recharging.

Know that electricity has a range of effects; it can be used to produce light, sound, heat and movement.

Remind children that electricity can be dangerous.

Can you light the bulb? How does a circuit work?

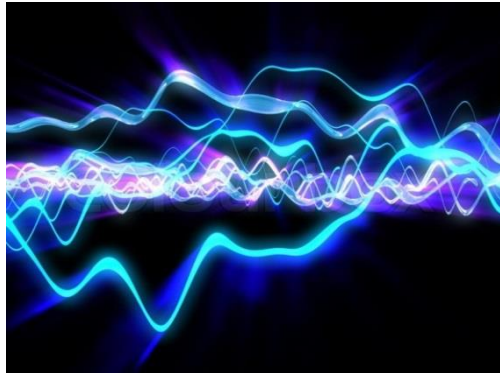
Make and record electric circuits. Use correct vocabulary: cell, wire, bulb, bulb holder, circuit, motor, buzzer, complete, break, metal, component, short circuit, terminal. Describe what is happening in the circuit.

Why doesn't it work? Circuit diagrams.

Understand that circuit diagrams use symbols instead of pictures. Identify and correct problems with circuits.

How are electrical conductors and insulators used?

Investigate the link between a material's properties



Read stories about Zechariah and Gabriel, and Mary and Gabriel. Also Joseph's dream. What do these stories have in common? Who brought the messages? What are the messages? Did people believe the messages?

(Possibly arrange a visit from Hilary Bond)

Consider what messages God sent in the Christmas story?

How important it is to the people in the story and to Christians now that the angels are believed to be the messengers of God?

Read the story of the shepherds. Write a conversation between the shepherds who were there. How did they react to the angels' message and being told to come to the stable? How would the children have reacted if they were there?

Recognise that angels have been portrayed in many different ways in art through the ages and across the world.

~ Think about the relevance of, 'Make do and mend,' in our throwaway society. Could we learn from these suggestions from the past?

~ Can the children think of slogans suitable for today to encourage people to recycle and reuse more? Do they see propaganda as a useful or dangerous way to put messages across?

~ Why did the Nazis target Jewish people? How do the children feel about people being singled out because of their religious beliefs?

~ Can the children see any way of preventing war in the future? Discuss the importance of standing up for what you believe in while also showing tolerance for other people's opinions.

~ What happens when other people's beliefs include harming others?

English

Narrative, 'Fair's Fair,' Leon Garfield

- Predict what might happen next in the story. Create a character description. Write a report on Victorian street children contrasting the differences between rich and poor.

- Plan a story, recording ideas.

Draft and write a story opening.

- Draft and write by organising paragraphs around a theme.

Write the next part of the story.

- Edit and improve by proof reading for spelling and punctuation errors. Make predictions about what will happen next.

Draft a conclusion.

(conductor or insulator) and its use. Ask children to think of an investigation to find out which materials are good conductors/ insulators of electricity. Predict what they think will happen. Record results. Use results to draw conclusions about which materials conduct electricity. Recognise that metals are good conductors of electricity, most other materials are not and metals are used for cables and wires, plastics are used to cover wires and as covers for plugs and switches. Complete speech bubbles sheet showing understanding of insulators /conductors of electricity and why they are vital for safety.

**Spiritual, Moral, Social and Cultural/
British Values**

~ In England today many of us have access to unlimited electricity. Think of the benefits of electricity; heating, light, hot water, televisions, computers, cookers, washing machines. Electricity comes at a cost not everyone can afford. Think of people who cannot afford to heat their homes, pay their electric bills.

~ Think about people in countries without electricity. How do they keep warm, cook food, wash clothes?

~ Discuss places in the world where sourcing the right components for electricity is a problem. What could we do to help?

Art

Christmas crafts

- Islamic Art Calendars

Mix paints to make complimentary colours for backgrounds.



Share a range of paintings and Christmas cards which portray angels. Look closely at the faces of those receiving messages as well as the angels. Discuss. Create paintings expressing ideas.

If possible share, 'A Night the Stars Danced for Joy,' by Bob Hartman.

**Spiritual, Moral, Social and Cultural/
British Values**

~ Think about the messages we receive in the world today. Messages of how to treat others linked to our

- Understand moral meaning in the story. Evaluate the effectiveness of writing. Edit and improve by proof reading for spelling and punctuation errors.

**Spiritual, Moral, Social and Cultural/
British Values**

~ Consider children across the world who work daily to support their families instead of going to school. Think about how much we share/ give to people who need help. Could we do more?

~ During WW2 food was rationed and people had to survive on very little. How much food do we waste? Think about the world we live in; do we share things equally/ fairly?

~ Think about Victorian street children; how must it have felt to live outside in extreme hardship? Why did they often die so young?

Would the children tolerate this in today's society? Can they think of similarities in the world today? What can we do to help homeless people?

Is the divide between rich and poor widening?

~ What makes a happy ending? The characters in the story are thoughtful, honest, fair and kind. They show resilience and determination, never losing faith. In the end they are rewarded for their qualities. Who are the children's real life heroes/ heroines? Why?

~ Think carefully about the things that make us happy. It is not usually material belongings that bring true happiness.

Transfer geometric Islamic tile designs onto polystyrene tiles. Print onto painted background and rotate to make larger symmetrical image.

- Angel decorations

Make 3D angel decorations from card, decorate and attach string.

- LED angel/ star lights

Children design an angel/ star/ Bethlehem scene silhouette. Cut image out from black sugar paper. Glue tissue paper to glass jar using PVA glue and water. Attach silhouette. Add LED lights to the jar. Decorate the lid with fabric and ribbons.

- Angel / presents gift tags

Use collage materials to make simple angels or present designs to use on a set of gift tags.



school values; thoughtful, honest, fair and kind. Messages from parents about love, messages from assemblies about God being there for us.

~ How do we respond to messages? Do we listen and take time to think about the messages we receive? Do we all interpret messages differently? Do we always think before responding?

~ Think about people like St Francis whose lives have been influenced by their belief in what God wanted them to do.

~Do we all interpret art in the same way? Are messages in paintings also open to interpretation?

~ Do we all share the same beliefs on angels? Can messages be interpreted in different ways?

~ Is it important to respect each other ideas and recognise that although we all think differently we can all believe in peace and goodwill to every living thing?

Design Technology

Sandwich Snacks

Plan sandwich snack

Think about how ingredients can affect the taste and texture of a product. Design sandwiches that can form part of a healthy diet.

Recognise that people have different preferences.

Write set of instructions for making sandwich snacks

Develop a clear sequence for making sandwiches. Use appropriate language related to food products.

Make sandwich snacks

Evaluate the success of finished product.



Spiritual, Moral, Social and Cultural/ British Values

~ Think about different diets across the world. Is it more difficult for some people to access a balanced diet? Why?

~ Discuss the importance of a healthy diet. Many people need NHS support due to health issues related to poor diet choices. ~ What should we be eating to help keep us healthy?

