



CHALLENGE: Who are the people that help us?

Children will be learning about Scientists and experiments, People who help us in the community, Doctors, Superheroes and will be celebrating Chinese New Year.

Literacy:



Word Reading and Comprehension– In Read Write Inc children will start being taught in smaller ability groups. They will continue to review all letter sounds taught so far and read cvc words. Some children will begin reading red ditty books. Children will also start to bring reading books and ‘Tricky Monster’ words home. They will also be looking at a variety of Mr Men books as we introduce the Characteristics of Effective Learning.

Writing – Children will continue to recap on forming all sounds taught so far and will practise linking all sounds to letters (learning letter names also). They will practise writing words using ‘Fred Fingers’ to segment sounds and represent sounds correctly. They will then begin writing lists, labels, speech bubbles and simple, purposeful captions relevant to our weekly topics.

Moving and Handling:



Fine Skills – This term we will begin handwriting sessions, when we will continue to teach sets of letters that are formed in similar ways (long ladder letters, curly caterpillar letters, one armed robot letters, zig zag letters). We will be focusing upon making our writing smaller and writing on the line.

Gross Skills – In PE children will be experimenting with different ways of moving. They will also practice travelling with confidence and skill, around, under, over and through balancing equipment. We will also be exploring balance, movement and spatial awareness through our superhero theme and games.

People Culture and Communities

Children will enjoy sharing and joining in with Chinese New Year celebrations. We will be making crafts, tasting food, listening to and dancing to music, dressing up and reading traditional stories. We will also find out what Chinese animal we are.

Being Imaginative and Expressive:

Through our topic of people who help us, children will be learning how to create simple representations of events, people and objects and we will be thinking carefully about choosing particular colours for a purpose.

Inspire:

Playing and Exploring - Children will find out and explore through creative, real experiences; playing with what they already know then having a go at learning something new.

Create:

Creating and Thinking Critically - Children will be learning to create and think critically by thinking of their own ideas, making links in their learning and choosing ways to do things.

Active:

Active Learning - Children will be actively learning through hands on experiences and outdoor play. They will learn to be involved and maintain concentration.

Nurture:

Children will be encouraged to keep trying when faced with difficulties or challenges. They will be encouraged to take part in experiments and to explore different occupations and ways of life.

Maths:



Numbers and Numerical Patterns –This half term we will be using our new skills to find 1 more and 1 less using objects. We will then be practising quick recall; saying which number is 1 more or less than any given number. We will also be learning to record using marks such as tallies, simple sums and charts. Through our topic of superheroes, we will be learning how to identify and solve mathematical problems and count reliably with numbers to 20.

Shape Space and Measure –Through our topic of Science and experiments we will be exploring weight and capacity.

Personal, Social and Emotional:

Building Relationships – Through our topic of superheroes and ‘Supertato’ children will be thinking about how to be a good friend, play co-operatively and take turns with others. They will also have a go at being our Superhero of the day and looking after their friends (thinking about their needs and feelings).

Managing Self – Children will be given the opportunity to speak confidently to others when talking about their ‘show and tell’ and homework on tapestry. We will also be talking about their ‘super powers’ such as any extracurricular activities outside of school. Through our topic of Doctors, we will be exploring how to keep ourselves safe and manage risks; practicing some appropriate safety measures without direct supervision.

Self-Regulation – During our circle time sessions children will be learning about the Characteristics of Effective learning through different Mr Men stories and activities.

Communication and Language:

Listening, Attention and Understanding – This half term children will be listening and responding to the ideas expressed by others in conversations about experiments and occupations. Children will be learning to listen and do for short periods of time during Team Learning, handwriting, whole class learning and busy learning.

Speaking – Through books and roleplay about superheroes and occupations etc... children will be learning to introduce a storyline or narrative into their play.

The Natural World:

Children will explore various scientific experiments both in school and as a home learning challenge; looking closely at similarities, differences, patterns and change.

Past and Present:

Children will be exploring how different people in our local community help us; the jobs they do and their roles in society. They will learn about occupations from books, parent volunteers and visits from emergency services.

Technology:

Children will continue to practice using the class SMART board. They will use art programmes to create Chinese New Year pictures and we will use our class computer to find out information about occupations.

Creating with Materials:



Through our various weekly topics, we will be exploring colour mixing and selecting tools and techniques needed to shape, assemble and join materials.

CHALLENGE: Who lives on our planet?



Literacy: As readers and writers, we will:

- Learn how to write instructions to plan and throw a party.
- Learn how to write an exciting character description of Traction man.



Inspire:
Exploration of animal habitats

Create:
Create mini beasts from variety of media

Active:
Use exploration skills to hunt for mini beasts

Nurture:
What does an animal need to survive?

Maths: As mathematicians, we will:

- Learning about 2D and 3D shapes
- Learn to recognise, count and order numbers within 20
- Learn how to add and subtract within numbers to 20



Science: As scientists, we will:

- Use bug catchers to observe minibeasts in their habitat.
- Describe how animals obtain their food from plants and other animals.
- Identify and name a variety of common animals.
- Learn the new vocabulary: amphibians, mammals, reptiles, carnivore, herbivore, omnivore



Geography: As geographers, we will:

- Name and locate the world's continents and oceans.
- Identify location of hot and cold areas of the world and the North and South Poles.
- Take part in a Traffic Survey



History: As historians, we will:

- I can explore David Attenborough's life and the impact he has had on the planet.



RE: As theologians, we will:



- Learn about the Jewish faith by exploring the question 'Who is Jewish and how do they live?'



Computing: As programmers, we will:

- Understand how to create algorithms.
- Learn that computers need information to be presented in a simple and clear way.

Music: As musicians, we will:

- Explore the range and capabilities of voices through vocal play and Perform actions to music.



Art/DT: As artists and designers, we will:

- Art - Working in 3 dimensions.
- DT – sewing and learning how to use a running stitch to make a puppet.



PE: As athletes, we will:



- Learning about net and wall games, using bats and balls to practice our aim.

PSHE: Good Relationships:

- People who care for us.
- Different roles different people play in our lives.
- How families are different and what it means to be in a family.
- Telling someone if they're worried about something happening in my family.

CHALLENGE: How has transport changed over the last 100 years?



Literacy: As readers and writers we will:

- Write a report about the development of the motor car.
- Learn to recite a poem and write our own.
- Continue to develop our fluency when reading.
- Continue to develop comprehension and inference skills.



Geography: As geographers, we will:

- ask geographical questions
- name, locate and identify characteristics of the four countries and capital cities of the UK
- learn about the seas that surround the UK
- use geographical vocabulary to refer to key physical and human features of the UK



RE: As theologians, we will:

- Learn about the 'good news' that Jesus' brought to Christians.



Computing: As programmers, we will:

- Learn typing skills and how to use computer shortcuts.



PSHE: Good Relationships: Different kinds of families; and trust and loyalty in friendships; safer relationships, privacy including what parts of my body are private; respecting differences.

Inspire:

How has transport widened our communities?

Create:

How might we travel in the future?

Active:

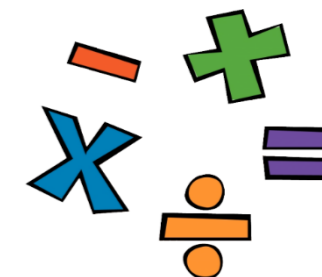
What has been the impact of transport on our environment?

Nurture:

How can I reduce the impact of travel?

Maths: As mathematicians, we will:

- Learn about different ways of representing multiplication and division
- Learn how to compare amounts of money.
- Learn to describe and recognise a range of regular and irregular shapes.



Science: As scientists, we will:

- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- Identify, name, describe and compare materials.



History: As historians, we will:

- Learn about the development of the motor car.
- Find out how rail travel made holidays in the UK possible
- Investigate the role of the Wright brothers in the invention of air travel.



Music: As musicians, we will:

Listening to how composers use musical techniques to represent different vehicles.



PE: As athletes, we will:

Learn to send and receive balls



DT: As designers, we will:

- Design a vehicle that includes functioning wheels, axles and axle holders.
- Build a moving vehicle.
- Learn how to identify what stops wheels moving.

Art/DT: As artists and designers, we will:

- Be an Architect exploring and creating architectural models.
- Explore works from Hundertwasser, Zaha Hadid, and Heatherwick Studios.



CHALLENGE: Where in the world am I?



Literacy: As readers and writers we will:

- Write a recount diary.
- Write a persuasive advert.
- Understand and use speech punctuation correctly
- Use paragraphs effectively to sequence writing.

Science: As scientists, we will:

- Explore the magnetic forces of attraction and repulsion
- Ask questions, set tests and draw conclusions to understand the power of magnetism



RE: As theologians, we will:

- Explore Islam and identifying how Muslims choose to worship
- Understand the importance of festivals.



Computing: As programmers, we will:

- Journey inside computing systems and networks.
- Online Safety.



PSHE:

Good Relationships: Family and friends including the features of a positive family life; safer relationships, including healthy relationships; respecting difference, including stereotypes.

Inspire:

What can I grow to be?

Create:

Can I explore magnetism?

Active:

How does my environment shape who I am?

Nurture:

How can I celebrate diversity?

Maths: As mathematicians, we will:

- Learn to multiply and divide using efficient mental and formal written methods
- Add and subtract amounts of money, accurately calculating change
- Develop an understanding of statistics through use of pictograms, bar charts and tables



Geography: As geographers, we will:

- Describe the geographical similarities and differences between countries and give views about locations
- Use maps, atlases, globes and digital mapping to locate countries
- Compare Italy with England
- Use a compass.



PE: As athletes we will:

- Choreographing and learning a dance routine.
- Our invasion game will be hockey.



Music: As musicians, we will: Experimenting with tuned and untuned percussion instruments to create an aquarium - inspired composition.




Art/DT: As artists and designers, we will:

- Explore how artists are inspired by other art forms – how we can make sculpture inspired by literature and film.
- Food Technology
- Explore the differences between sweet and savoury and plan and make a tart.



MFL: As linguists, we will learn how to say, read and write names of the seasons and additional vocabulary in France.

CHALLENGE: Why should we take action to save the rainforests?



Inspire:
Is it too late for the rainforests?


Create:
What natural art/musical opportunities does the rainforest provide?

Active:
What impact has deforestation had on our world?

Nurture:
What action can I take to help preserve and protect rainforests?


Literacy: As readers and writers we will:

- Write a non-chronological report about a rainforest creature.
- Write a persuasive leaflet about how to save the rainforest.




Maths: As mathematicians, we will:

- Use our multiplication knowledge to learn written methods of multiplication and division.
- Learn to calculate the perimeter of a shape.




Science: As scientists, we will:

- Group and classify living things.
- Sort living creatures into vertebrates and invertebrates
- Use classification keys.
- Look at what changes in the environment pose a danger to living things.




Geography: As geographers, we will:

- Ask and answer questions about the physical and human characteristics of a location.
- Name and locate the Equator and other key areas on a world map, including the Tropics of Cancer and Capricorn.
- Describe and understand key aspects of physical geography in a location.




History: As historians, we will:

- NA this term




RE: As theologians, we will:

- Describe how Hindus show their faith when they're together.
- Explore Hinduism in Britain today.




Computing: As programmers, we will:

- Learn to code using Scratch and other coding platforms.




PE: As athletes we will:

- Practising our basketball skills - developing different attack and defence tactics including dribbling, passing, shooting and protecting the ball.




Music: As musicians, we will:

- Develop our inner musicality through use of voice and then body percussion.




Art/DT: As artists and designers, we will:

- Explore how the way we display our work can affect the way it is seen. Create an artwork inspired by the idea of the 'Plinth'.
- MECHANICS: Designing, building and evaluating a slingshot car using.




PSHE:
Good Relationships: Family structures, managing ups and downs in friendships; Safer relationships including self-respect and respecting difference.

MFL: As linguists, we will learn how to say, read and write the days of the week in French.




CHALLENGE: What the Dickens was life like during the Industrial revolution?



Literacy: As readers and writers we will:

- Generate our own narrative, focusing on characterising speech.
- Write our own diary entry recounting life within the walls of a Victorian workhouse.



Inspire:

Can I investigate a how the Industrial revolution changed Great Britian?

Create:

Can I empathise with a range of characters and write in role?

Active:


Can I role play a range of characters within the Victorian era?

Nurture:

Can I understand how to look after my body and mind during challenging times?


Maths: As mathematicians, we will:

- Recognise and find fractions equivalent to unit and non-unit fractions
- Convert mixed numbers to improper fractions and vice versa.
- Order and compare fractions
- Add and subtract fractions including from/to a mixed number.



Science: As scientists, we will:

- Investigate changes of state.
- Understand how insulators and conductors' work.
- Understand how dissolving works and how to separate mixtures.



History: As historians, we will:

- Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women, and children by comparing modern life of children to children in the Victorian era.
- Understand the concepts of continuity and change over time, representing them, along with evidence, on a timeline. By finding out the dates of the Acts of Parliament affecting children and ordering those as a timeline.
- Investigation into workhouses and conditions, exploring and understanding child labour.
- Exploring the significant inventions of the era.


Geography: As geographers, we will: Compare the four countries of the UK; Identify the physical features of London and explore how these have affected human activity in the location; Compare and evaluate a range of different maps of London and examine how London has changed over time.

RE:

As theologians, we will explore why the Torah is so important to Jewish people?


Computing: As programmers, we will:

- Using programming language to create music, including use of loops.
- Selecting and using combining a variety of software to design an create a range of programmes, systems and content that accomplish given goals.




PE: As athletes we will:

- Develop our contemporary dance skills and choregraph our own dance to perform.
- Improve our invasion and defence skills in tag rugby.



Music:

- We will be developing our compositional skills to produce a piece of groove music with a drumbeat, bass line and a riff-based melody.




PSHE: Good Relationships; Marriage and civil partnership; Safe relationships; challenging stereotypes.

MFL: Je Me Présente –As linguists, the children will learn how to: ☑ Count to 20/ say their name and age,/ say hello and goodbye /ask how somebody is feeling and answer how they are feeling/ tell others where they live/ tell others their nationality and understand basic gender agreement rules

Art: As artists and designers, we will:

We will create a model set for theatre or animation inspired by poetry, prose, film or music. Pupils explore the work of designers/makers and then create their own model 'sets' around a theme.



CHALLENGE: How did Darwin divide opinion?



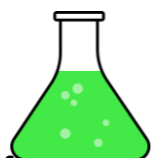
Literacy: As creative readers and writers we will:

- Continue honing our ability to manipulate phrases and clauses in a sentence to have specific effects on the reader
- Refine our report writing skill set when creating discussion texts



Science: As scientists, we will:

- Learn about variation and adaptation
- Explore how Charles Darwin developed his theories of evolution.
- Examine the scientific evidence from plants and animals that has been gathered to support the theory of evolution
- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth.



RE: As theologians, we will:

- Outline the importance of Creation on the timeline of the 'big story' of the Bible.



Computing: As programmers, we will:

- Use Scratch to make our own quizzes



PSHE:

We will explore how friendships change as we grow, and consider the different kinds of relationships in our lives. We will learn that people who are attracted to and love each other can be of any gender, ethnicity or faith.

Inspire:

What new possibilities did Darwin's discoveries open?

Create:

Can I make observational sketches within Science?

Active:

How did Darwin's work develop understanding of the environment?

Nurture:

Is there a clash between Science and Religion?

Maths: As mathematicians, we will:

- Deepen our understanding of fractions, decimals and percentages converting between them



Geography: As geographers, we will:

- Locate areas of interest to Darwin and Wallace using a range of maps and globes.
- Describe geographical diversity across the world.
- Identify and describe how the physical features affect the human activity within a location.



History: As historians, we will:

- Look at and explore Charles Darwin's life to extend our chronological knowledge.



PE: As athletes we will:

- Refine our tactics for invasion games within Hockey and Dodgeball.



Music: As musicians, we will:

- Learn to read rhythm and pitch notation and play pentatonic melodies with accuracy.
- Practise and perform as a class and individually
- Compose own rhythm and pitch notations for the class to practise and perform



Art/DT: As artists and designers, we will:

- Be inspired by the artist William Morris and explore scaling up drawings
- Join textiles with a combination of stitching techniques to make outfits



MFL: As linguists, we will learn how to say, read and write members of the family and extend our knowledge of vocabulary in French.

