

YEAR 5 TERM 1

Are all deserts hot?



MATHS

Place Value

- Roman numerals to 1,000
- Read and write numbers to 10,000, 100,000 and 1,000,000
- Powers of 10
- 10/100/1,000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Compare and order numbers to 100,000 and 1,000,000
- Round to the nearest 10, 100 or 1,000 and within 100,000 and 1,000,000

Addition & Subtraction

- Mental strategies
 - Add and subtract whole numbers with more than 4-digits
 - Round to check answers
 - Inverse operations (addition & subtraction)
 - Multi-step addition and subtraction problems
 - Compare calculations
 - Find missing numbers
- ### Multiplication & Division
- Multiples and common multiples
 - Factors and common factors
 - Prime, square and cube numbers



ENGLISH

- All About Me
- Narrative
- Informal letter,
- Non-chronological report
- Poetry: I am the Seed that Grew the Tree by Fiona Waters



SCIENCE

Forces:

- Friction
- Air resistance
- Plan – parachute experiment
- Investigate – parachute experiment
- Evaluate – parachute experiment
- Plan – water resistance
- Investigate – water resistance
- Explore gravity
- Use small forces for greater effects

GEOGRAPHY

- What are North America's key human and physical features?
- What are 7 main biomes?
- Which biomes can we find in North America?
- Can we practise our map skills looking at North America?
- What is a hot desert biome?
- What other kinds of desert are there?
- Would you like to live in the desert?
- What are the 5 climate zones?
- What are vegetation belts?
- Can we use maps at more than one scale and the scale bar to estimate distances?
- What is a time zone?

KEY DATES

- 1st - 2nd September: Staff Development Days
- Wednesday 3rd September: Start of Term 1
- Tuesday 30th September & Thursday 1st October: Parents' Evenings
- Thursday 9th October: Our World at Wincheap Day
- Tuesday 14th October 3pm: Year 5 PESE presentation for parents (Procedures for Access to Secondary Education)
- Friday 17th October: Last day of Term

ENRICHMENT

Fieldwork: Practising map skills in the local area

Bikeability (Week commencing 15th September)

WE ARE READING...

Holes by Louis Sachar

The Wild World Handbook by Andrea Debbink



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MUSIC

Charanga: Livin' On a Prayer
All the learning is focused around one main song: Livin' On A Prayer and some other classic rock songs.

Pupils will:

- Listen to & Appraise the song(s)
- Explore rhythm, pitch and pulse
- Learn to sing songs
- Play instruments
- Improvise & compose
- Perform



P.E

- Games/Dances linked to class country
- Invasion game: Tag Rugby



D.T

Mechanical Systems: Pop-up book

- Design a pop-up book
- Follow my design brief to make my pop-up book
- Use layers and spacers to cover the working of mechanisms
- Create a high-quality product suitable for a target user



ART

Masks, Pop-ups and puppets

- Simple pop-ups.
- A scene in relief
- Masks
- Articulated figures
- A spot of Origami.



SPANISH

- South America – Climate. (linked to Geography)
- The weather
- Weather reporters



COMPUTING

Coding

- Review Year 4 Coding
- Simulating a physical system
- Text variables



R.E

Why do people have to stand up for what they believe in?

- Recognise how religious beliefs vary.
- Recognise the importance of religious freedom.
- Assess the challenges some religious figures faced in the past.
- Analyse the meaning and symbolism of different festivals of light.
- Recognise that people were persecuted for their religious beliefs in the past.
- Explain how and why people stand up for what they believe in.



P.S.H.E

- I can face new challenges positively and set personal goals.
- I understand my rights and responsibilities as a citizen.
- I can empathise with people whose lives are different to my own.
- I understand that my actions affect me and others.
- I can contribute to the group and understand how we can function best as a whole.
- I understand how democracy and having a voice benefit the school community and know how to participate in this.

