Year 4 & 5- Term 2

Year 4 Maths

Addition and Subtraction.

- Add up to 2, 4-digit numbers with and without exchange.
- Subtract up to 2, 4-digit numbers with and without exchange.
- Inverse opperations.
- Estimate and find efficient answers.

Length and Perimeter

- mm and cm
- km and m
- equivalent lengths
- add and subtract lengths
- perimeter
- perimiter of polygons and rectilinear shapes.

Year 5 Maths

Multiplication & Division

- Multiples & factors & common multiples and factors.
- Prime, square and cube numbers
- Multiply and divide by 10, 100 and 1000.

Angles

- Classifying, estimating and measuring angles.
- Drawing and calculating angles.

Shape

- Polygons and 3D shapes.
- Compare and estimate volume and capacity

Geography- Year 4

Biomes

- Identify and name the 6 biomes based on certain features.
- Identify and locate 6 biomes across the world.
- Explain what a rainforest is and where they can be found.
- Understand what life is like in the Amazon Rainforest.
- Understand how humans affect rainforest climates and biomes.

Geography- Year 5

What a wonderful world

- How can we describe exactly where a place is on Earth?
- Why is it tomorrow in one place while it is still today somewhere else?
- How do cities and landscapes differ across the world?
- Who benefits from global trade, and who might lose out?
- How are places around the world connected, and what impact do these connections have?

Music

- Singing
- Group, partner and solo
- pitch, melody, rhythm

PSHE

- Spending and saving decisions
- Keeping track of money
- Choosing ways to pay
- Recognising value for money
- Money risks and keeping money safe
- Money and feelings

Computing- Year 4

Photo Editing

- Changing digital images.
- Recolouring
- Cloning
- Combining
- Creating
- Evaluating

Modern Foreign Languages (MFL)

- Identifying and naming 10 fruits
- Identifying and saying plural fruits.
- Asking do you like?
- Saying what you like and don't like in French.

RE

2a.1 What do Christians learn from the Creation?

- understand how God helps people stay close to him.
- explore how beliefs about Creation influence Christian actions.
- understand the journey Mary and Joseph made before Jesus was born.
- understand what Christians mean by Incarnation.
- understand how Christians respond to Jesus' birth today.

Computing- Year 5- Video Production

- What is video?
- Filming techniques
- Using a storyboard
- Planning a video
- Importing and editing video
- Video evaluation.

English

- labels to explain Curiosity's features before exploring how to use cohesive devices to expand and explain.
- use the passive voice to log the rover's landing on Mars
- write a short news report to be broadcast to Times Square.
- design a new rover and write an expanded explanation to propose it as the future of NASA exploration.

Science- Year 4

Living things and their habitats

- What is classification?
- How can animals be grouped/ classified?
- How can plants be grouped/ classified?
- How do changing environments impact living things?
- Significant Scientist: Seiran Sumner (1974 - Present)

Science- Year 5

Earth & Space

- How many planets are there in the Solar System?
- Motion of Earth and planets.
- Nicolaus Copernicus - Heliocentric model
- Day and night
- The moon

DT

- Experiment- Investigate creating a small pulley to lift a load.
- Design -Children to design their well.
- Create & Evaluate- Children to create their well

Art

- develop our own rocket design inspired by Peter Thorpe.
- develop our own background using acrylic paint.
- plan and create different elements of an artwork work together in a composition.

PE

Throwing & Catching Leading to netball.

- Develop core netball skills.
- Apply attacking and defensive tactics.
- Apply skills in competitive games.