

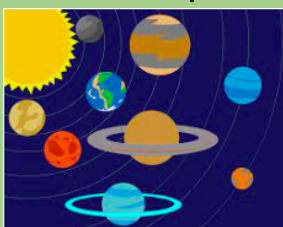
# What are we learning this half term?

**Spring 1**  
**Jemison Class – Year 5/6**

**What was the Sikh Empire?**



**Earth and Space**



## Art

**Topic: I need Space**

- Work with a range of media to create different effects
- Develop ideas through print making
- Apply ideas of colour, tone, texture and form
- Explore symbolism in art
- Generate clear compositional understanding for a final piece

## Music

**Topic: Holi Composition**

- using graphic notation to represent notes
- Adjusting dynamic and pitch in a composition
- Combining rhythmic patterns (ostinato) to a composition

## Home Learning

Please continue to support your child at home with the following:

- Weekly Maths
- Weekly English
- DailyReading
- Weekly Spellings
- MyMaths
- TTRockstars

## English

**Video Stimulus - Fiction: Titanium**

- To write a science fiction narrative
- To write a diary entry

**Non-Fiction: Planets and the Solar System**

- To write an information text
- To use formal language and parenthesis

## History

**Topic: What was the Sikh Empire?**

- To identify causes and catalysts which created the Sikh Empire
- To understand how beliefs affected society
- To recognise the importance of Lahore to the Sikh Empire
- To research historically significant figures
- To consider how sources can have different interpretations
- To compare the achievements of two significant figures

## Computing

**Topic: Big Data**

- Identify how barcodes and QR codes work
- Create and scan their own generated QR code
- Know how infrared waves transmit data
- Recognise, present and analyse data in different ways
- Record data on a simple spreadsheet

## PE

**Topic: Gymnastics Counter balance and counter tension**

- Apply counter balances and counter tension on the apparatus
- Develop a sequence using the apparatus

**Topic: Invasion Games (Outdoor)**

- Netball

## Maths

**Topic: Multiplication and Division**

- Short multiplication up to 4 digits
- Long multiplication up to 4 digits
- Short division with remainders
- Problem solving with multiplication and division

**Topic: Fractions**

- Multiplying fractions
- Calculating fractions of an amount

## Science

**Topic: Earth and Space**

- Describe the orbits of celestial bodies in the Solar System and name the force that keeps them in their orbits
- Develop a model to represent the Solar System
- Describe the movement of the Moon relative to the Earth
- Explain and draw a diagram for the causes of day and night and the seasons
- Devise a sundial to tell and measure the time
- Describe some uses of satellites and the problems posed by space junk
- Investigate and use temperature data to make predictions about climate change

## PSHE

**Safety and the Changing Body**

- Explore the emotion and physical changes in puberty
- Know what menstruation is
- Know how to use basic first aid on someone who is injured

**Y6 Only**

- Understand conception and pregnancy

## RE

**Topic: What happens when we die?**

- Consider how different religions interpret the soul
- Explore Muslim beliefs about the afterlife
- Compare different funeral traditions