

Year 5/6 Topic overview- Autumn 2: Passage to India

English

We will be writing to inform our reader this half-term, via instructional texts and biographies. Our poetry unit is Ottava Rima and we will be looking to recite this as well as write our own poetry. As it is non-fiction November this month, we are also looking forward to welcoming a visiting author and explorer to help inspire us to write.

Maths

Year 6

Year 6 will be focusing on all four operations of fractions and multistep problems, finding fractions of amounts and converting units of measurements

Year 5

Year 5 will be focusing on multiplication and division, including factors, prime numbers, square and cube numbers. We will then be learning about fractions, including equivalent, improper fractions and addition and subtraction of fractions.

Science

We will be learning about Earth and space, with a focus on using scientific evidence and secondary sources of information. We will have a planetarium visit and learn about the moon calendar. We will look at how the Earth is spherical and how we know, before moving on to create model representations of the solar system. We will learn about how day and night are created and the movement of the moon relative to the Earth.

Music

In music we will continue to listen to and respond to Indian music, including performing simple talas. We will move on to improvise rhythmic call and response pieces, on instruments, as well as singing.

Geography

In geography we will continue to explore India, with a focus on human geography. We will find out about trade - where our tea and cotton comes from and the importance of ports and industrial areas. We will learn about tourism and plan a tour of India, taking in all the main sights. Finally, we will find out about time zones and how we could maybe use them to attempt time travel

Year 5/6 Topic overview- Autumn 2: Passage to India

Computing

In Computing we are using Crumble to programme tuk tuks. We will be controlling motors and programming the tuk tuks to move forwards and avoid collisions. We will also be recording and evaluating our work.

PE

Our PE focus this half term is:

- Outdoor: Netball
- Indoor: Dance-Bollywood

PSHE

Our units this half term are:

- Conflict resolution- understanding feelings associated with conflicts among friends and how to solve them
- Anti-Bullying- discussing and defining different types of bullying and understanding the impact of bullying on the victim and the bully.

RE

We will be continuing with our big question: What are the religions of India? with a focus on Christianity, Buddhism and Sikhism

DT

In DT and computing the children will be designing and making motorised rikshaws. They will program these vehicles to move, with the aim of avoiding collision on a busy road. The tuk tuks will be programmed with crumble microcontrollers, using geared motors and ultrasonic sensors.

Spanish

We'll begin by looking at how the Day of the Dead is celebrated in some Spanish speaking countries. Then the main focus this term will be learning to talk about what we and others do and don't have in and around the classroom. We will also be revising physical descriptions and we'll finish the term with some Christmas Spanish.