

## **Maths:**

### **Place Value:**

Where do the commas go when you write one million in figures? If 1,000,000 is the whole, what could the parts be? How else can you partition the number? What is the value of each digit in the number? Which columns will change if you add/subtract 10, 100, 1,000, ... to/from the number? When do you use placeholders in numbers?

## **English:**

### **The Golden Compass**

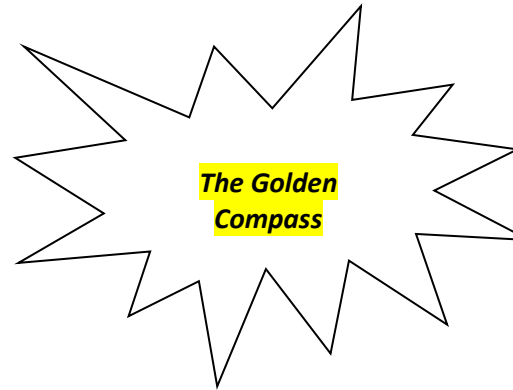
The class will use this book by Philip Pullman cross curricular to write their own fantasy stories, writing diary extracts and creating non chronological reports. These activities will concentrate on reading, comprehension and draw on their grammatical skills in preparation for SATs next year.

## **Science: Northern Lights**

Recognise that light travels in straight lines.  
Examine how light reflects into the eye. Research how light travels and alternative light sources.  
Carry out investigations into shadows and how light creates them.

## **RE: Creation**

**Year 6 will examine creation and science and debate whether they conflict or complement each other. They will be able to identify what type of text some Christians say Genesis 1 is and discuss its purpose. They will be able to show an awareness of different interpretations.**



**Computing:** We will be using Scratch to develop their own interactive game using coding language.

## **History/Geography: Mapping Skills**

Year 6 will be using maps to identify the positions and significance of longitude and latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic, the Prime/Greenwich Meridian and time zones.

## **Spanish: Conversational language**

To continue looking at the country of Spain and its regions. To begin conversations about life in Spain, their favourite sports and past times.

**Music:** We will look at the language used in Cornish sea shanties and produce our own modern-day version in Cornish (!) we hope.

## **PSHE: Jigsaw Programme. The Year Ahead**

Year 6 will be looking at dreams and goals and planning targets for the year ahead.

## **PE: Swimming**

Year 6 will be swimming every Friday morning at Saltash Leisure Centre.

## **Design & Technology:**

### **Sun dials.**

To produce sun dials using paper plates. We can use these for an investigation as part of our time zones and cross curricular for our English theme.

## **Art & Design: Depict movement in pictures**

Year 6 will be able to demonstrate knowledge and understanding in drawing lines, add texture, pattern, form, shape, tone, smudge, blend and mark to produce a mural, fresco, portrait or graffiti.