

# Autumn Term One, Year 5

## Welcome from Phase Lead

We hope you had a restful week and you are all ready for the next half term!

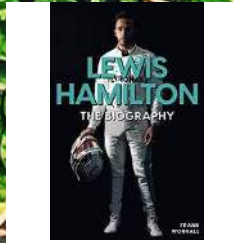
Our topic this half term focuses around the question 'Is there a need for speed?'

The children will be fully engaged from the very start of this topic thanks to their exciting trip to Silverstone next week!

Once the year group have been able to experience Silverstone museum first hand, there is no doubt they will come back desperate to learn to more!

Kind Regards

## We are reading...



## English

The children will start their English learning by exploring biographies this half term. They will identify the purpose and need for a biography as well as explore what written features are needed. From third person to past tense, the children will then develop these skills to write their own version based on Lewis Hamilton!

## Science

Questions can help us find out about the world and can be answered using a range of scientific enquiries. Year 5 will spend a lot of time asking questions in their Science lessons this half term. They will be identifying how mass has an effect on gravity. The children will move their scientific enquiry onto the force of friction and what can help increase or reduce it. All of this amazing learning will be linked to formula one cars. How exciting!

## Maths



This half term's Maths learning will start with explicit learning of decimal and percentages. They will learn and develop their knowledge of decimals and percentages separately and will then spend many lessons comparing and using the two maths focus' together. The learning will then move on the perimeter and area. Just like with the first two math subjects, the children will also learn and develop their understanding of perimeter and area separately and build up to working with them in reasoning questions together.

## Important Dates:

- Wed 28<sup>th</sup> Feb– Wed 6<sup>th</sup> March Assessment week
- Mon 4<sup>th</sup> March Silverstone trip
- Thursday 7th March World book day
- Friday 15th March Red nose day
- 26th and 27th March Parent's evenings



## DT

As this entire topic is based on the design, technology and STEM of how engineering helps successful sports like Formula one take place, the children will be exposed to a large proportion of DT lessons. The coverage of these lessons include:

- How have cars changed over time?
  - How do pneumatic and hydraulic systems work?
  - How can I plan and make a prototype?
- Alongside their Science, English lesson and trip to Silverstone, the children will have enough knowledge to have the amazing opportunity to build their very own moving car!

## RE

In RE, the children will be exploring the Islamic religion. From identifying why Muslims fast from dawn to dusk during the holy month of Ramadan to learning all about the amazing celebration of Eid al-Fitr which comes at the end of the fast. The year group will be encouraged to use their comparing and contrasting skill to make personal similarities and differences to their own beliefs.

## Music

Our weekly lessons will cover:

### **Music**

Hearing colours  
Picturing music  
Vocal composition  
Colour composition  
Performing in colour

### **Spanish**

I can understand and name some items of clothing  
I can identify parts of the verb 'llevar' (to wear) to talk about what I'm wearing.  
I can describe clothes I'm wearing using adjectives of colour.  
I can describe clothes I'm wearing using more adjectives.

## PSHE

### **Our weekly lessons will cover:**

- What are the risks of smoking?
- What are the risks of abusing alcohol?
- How do I help in emergency situations
- How does the media affect body image?

## Computing

### **Our weekly lessons will cover:**

1. Creating a paper-based database
2. Computer databases
3. Using a database
4. Using search tools
5. Comparing data visually
6. Databases in real life

## PE

As you are aware, Year 5 PE lessons are on Thursday and Friday.

The children will be learning and enhancing their skills for the sports: Basketball and Swimming

Please ensure your child has appropriate PE kits which correct training footwear.