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Part of Perry Hall Multi-Academy Trust  
Company Number: 08566185

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## **Year 5 Spring Term Newsletter 2020**

Welcome to Year 5 and the Spring Term! This newsletter will outline the areas which the children will be covering during the Spring Term.

### **English**

This term, we will be exploring a range of non-fiction and fiction genres. In the first half-term, our inspiration for writing will be 'The Explorer' by Katherine Rundell, which, with it being set in the Rainforest, links in with our termly theme of 'The Golden Ticket'. We will write a range of fiction and non-fiction text types including suspense writing from the characters perspective and a report. In addition, children will also write a report about deforestation as part of our topic. The children will also write a newspaper report, learning and consolidating our skills in journalistic language. The children will be further introduced to different sentence structures, different forms of punctuation for parenthesis and a wider range of relative clauses.

### **Maths**

Year 5 begin with a focus on number and place value which will include interpreting negative numbers in context and learning to count forwards and backwards through zero. We will also revisit prime numbers up to 19 and decide whether a number up to 100 is a prime number. Children will again work on all four operation, building on their existing knowledge to develop their calculation skills and divide numbers with decimal places. This will extend to solving problems involving addition, subtraction, division, multiplication and a combination of these.

When looking at fractions, decimals and percentages, we will add and subtract fractions with the same and different denominators and multiples of the same number, reinforcing our knowledge of equivalent fractions. We will look at mixed number and improper fractions and multiply fractions and mixed numbers by whole numbers.

The children will move on to calculating the area and perimeter of composite shapes and solve problems involving length, mass and money. We will look further into angles on a straight line, around a point and children will measure and draw angles. Finally, we will introduce volume to the children, where they will estimate volume and capacity using water.

### **Creative Curriculum**

Our Creative Curriculum topic for this term is 'The Golden Ticket'. The topic will kick off in grand style with a visit from a Mayan drama workshop that will develop the children's historical understanding. In Geography we will use digital mapping and atlases to locate the main countries and cities of Central and South America and outline the Mayan empire and its modern countries/cities. Children will then further explore the human geography within this area and begin to understand the significance of the tropics of cancer and Capricorn. They will also learn about the important global issue of deforestation.

After locating the Mayan civilization in place and time, we will begin to map the location of ancient/modern cities, understand key aspects of the Mayan civilization including city states, temples,

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trade. There will be an opportunity to relate our religious knowledge and beliefs to that of the Mayan culture, as we explore their belief systems, temples, gods and sacrifice.

The Design and Technology project this term will help children understand manufacturing process of a range of ingredients. As part of this, we will investigate where flour, eggs, chocolate, sugar come from. They will then have the opportunity to use their Maths skills to correctly measure/weigh ingredients, combine them correctly, maintain hygiene and correctly use equipment.

As the term progresses, we will explore the work of Henri Rousseau – an influential artist. Children will develop techniques in the style of an artist, develop knowledge of complementary/contrasting colours, outlines and perspectives and apply this when they replicate 'Tiger in a tropical storm'.

### **Science**

Year 5 will be learning the topic 'Living things and their habitats' this term. The topic will begin with identifying the 7 life processes. Children will then dissect a flower and identify all of the parts of a flowering plant. Using this information, they will explore the key stages in plant reproduction and write an explanation text on this. The focus will then shift to humans and how we develop over time, incorporating mathematical skills when studying graphs that reflect these changes over time. In addition, we will describe reproduction in mammals, lifestyles of insects, birds and animals and make comparisons between these.

### **RE**

Children will be exploring what we can learn about temptation from other religions. This unit enables pupils to engage thoughtfully with questions of good and evil and right and wrong. The focus is on Islamic and Christian understandings of good and evil and provides for dramatic, musical and personal ways of learning.

### **PE**

Despite having a PE slot on a Monday and Wednesday afternoon, the Monday lesson will continue to be replaced by swimming on a Tuesday afternoon for the first half term. Year 5 will build on the fantastic progress they have made in swimming towards the end of the autumn term. In the second half term, swimming will be replaced by striking and fielding games. The Wednesday PE lesson will focus on Dance, where children will look at, mirror and replicate styles of dance that would be found to the Mayan Civilization. This will culminate in a performance that will form part of our 'end of topic show'.

### **Homework**

We will continue with the style of homework that was introduced last term where children receive a template containing their spellings for the week, areas of development in Reading, Writing and Maths, along with space for parents/guardians and teachers to make comments. Should you have any questions or concerns, or require further advice on how you can support your child at home, please feel free to come and speak to us – preferably at the end of the day as mornings can be quite busy.

*Mr Johnston and Mr Stack*