

# Year 5 Curriculum News Autumn 2019

## Year 5 Autumn Term

Our Topics this term are – 'What makes a river a river?'

and

'How is climate change affecting the world and what can we do about it?'

### **English**

This term there will be a lot of focus on the children's vocabulary and spelling, through reading and writing. We will start by looking at a narrative based on a short animation called Paperman. This will be followed by an explanation text which will allow the children to write about what they have been learning in our river topic. As we move onto our climate change topic in October, the children will be looking at diaries and biographies. In reading, we will be continuing to teach the focused skills for KS2. We will be introducing the children to all the exciting books that we have as part of our Year 5 class collections and we will be encouraging them to continue their reading journeys.

### **Mathematics**

To start the term, the children will be continuing to build on their knowledge of number and place value up to one million. This will include ordering and comparing numbers, placing them on a number line and exploring all the different ways we can show a number using concrete and pictorial representations. We will then be moving onto using mental and written methods for addition, subtraction, multiplication and division and area and perimeter. Key to the children's learning are both fluency (arithmetic) and reasoning (problem solving). We are looking forward to seeing the progress the children make on the Times Tables Rock Star website – they will be expected to log on at home and become fluent at all times tables up to the 12s. In our weekly assemblies we will be celebrating children who have most improved on the website.

### **Science**

Our science work this term will mainly be focused on Habitats and lifecycles. We have exciting experiments planned, based on British rivers – both local and further afield.

### **Art / DT**

This term we will be completing an artist study on Romero Britto. The children will have a chance to learn about the artist, critique his work and compare to other artists. We will be exploring his use of colour and pattern before the children create their own river landscapes in the style of the artist.

### **Computing**

During these lessons, the children will continue to use the Purple Mash software they were introduced to last year. The children will continue to be given the opportunity to programme, design, investigate and research using the computers and the iPads. We will start the term by looking at programming games before moving onto spreadsheet work. Online safety is integral to ensuring the children know how to be safe whilst using technology and will be a part of every computing lesson.

## History / Geography

The focus for geography this term is rivers, with an emphasis on how rivers are formed, how they are used and using maps to locate them. We will be learning about all aspects of rivers including water safety. The children will be given lots of opportunities to use atlases and maps to compare rivers and their features in the UK to the rest of the world. We also have our exciting trip planned to Ferry Meadows in Peterborough where the children will complete an in-depth field study about the River Nene and learn about the uses of the river. This information will then be used within our lessons back at school. This term we have introduced our knowledge organisers, which will be available to help the children within lesson. These contain useful video links, vocabulary and key facts.

## P.E.

Children will have two P.E. lessons every week. All classes will have their PE lessons on **Tuesdays** and **Fridays**. Please ensure that your child has full kit in school Monday to Friday as occasionally PE lessons may change. You may wish to provide your child with a suitable jumper as we will aim to go outside if the weather is nice. We will be continuing to use the Real PE scheme for our PE lessons to look at coordination, balance and agility skills.

## P.S.H.E.

We follow the Jigsaw scheme across the school. This term, we will start with the unit 'Being me in my world'. This will focus on setting goals and challenges as we embark on a new school year. We will then move onto the unit 'Celebrating differences' which will look at how we can celebrate the little things that make us all unique. During these sessions, the children will continue to work on their mindfulness skills and will be given the opportunity for lots of discussion around the topics we are looking at.

## R.E.

This term we will be looking at Hinduism. We will be learning all about their history, traditions and symbols as well as their family values and celebrations. We are hoping to be able to visit a local Hindu Mandir so that the children can learn more about the Hindu faith and compare their place of worship with the local church in Irthlingborough.

## Homework

### Spellings:

- Spellings to practise each week – use different methods to practise these
- Children will be tested on these spellings each Friday – although some groups may vary. Children will be told if this is the case.

### Maths:

- Practise times tables as much as possible using the TT Rock Stars website. There will be certificates for the children to work towards in our weekly year group assemblies.
- Each week teachers will set pages from the Collins textbook – children are expected to complete at least one of the challenges at home. Children in Mrs Cole's maths group will be set alternative maths sheets based on what they have been learning in their lessons.

### Reading:

- Read at least three times a week with your child and sign in their reading record or planner.
- Children will be encouraged to complete Accelerated Reader quizzes based on the books that they have read. There will be certificates and prizes linked to these quizzes.

### **Important Dates**

- Ferry Meadows river trip 5SU and 5JF Monday 16<sup>th</sup> September
- Ferry Meadows river trip 5TW and 5BR Friday 20<sup>th</sup> September
- Half term Friday 25<sup>th</sup> October
- Training day – Monday 4<sup>th</sup> November
- Term starts – Tuesday 5<sup>th</sup> November