



## Year 4 Curriculum Letter - Summer Term 2019

Dear Parents/ Guardians,

Over this term, the children in year 4 will be exploring the topic 'Water.' They were introduced to this topic in the Spring term through their geography studies and will be looking into this in greater depth this term and will furthermore be learning about the following:

<p><b><u>Maths:</u></b> Throughout the term, the children will be revising and building on:</p> <p><b><u>Decimals</u></b> Making a whole, writing decimals, comparing decimals, ordering decimals</p> <p><b><u>Money</u></b> Pounds and pence, ordering money, estimating with money, applying the four operations</p> <p><b><u>Time</u></b> Hours, minutes and seconds, years, months, weeks and days, analogue to digital - 12 hour, analogue to digital - 24 hour</p> <p><b><u>Statistics</u></b> Interpreting charts , Comparison, sum and difference, line graphs</p> <p><b><u>Geometry: Properties of shape</u></b> Identify angles, compare and order angles, triangles, quadrilaterals, lines of symmetry, complete a symmetric figure</p> <p><b><u>Geometry: Position and Direction</u></b> Describe position, draw on a grid, move on a grid, describe a movement on a grid</p>	<p><b><u>English:</u></b> <b>Book Study:</b> Mr Stink - David Walliams <b>Class topic:</b>Water. The children will be deepening their learning by studying all aspects of water. <b>Grammar and Punctuation:</b> Expanded noun phrases Clauses and phrases Verb tenses Standard and Non-standard English. Pronouns and nouns Apostrophes Inverted commas Determiners Fronted adverbials Paragraphs <b>Writing</b> Daily handwriting Stories with humour Instructional writing Narrative poetry <b>Weekly spelling rules:</b> Children will be learning the Year 4 rules as set out in the English National Curriculum appendix and words which are in the back of their home-school contact book.</p>
<p><b><u>Science:</u></b> <b>Animals including humans</b> The children will investigate: <b>Digestive System Parts</b> To describe the simple functions of the basic parts of the digestive system in humans in the context of identifying the parts of the digestive system. <b>Digestive System Functions</b> To describe the simple functions of the basic parts of the digestive system in humans by explaining the functions of the different parts of the digestive system. <b>Types and Functions of Teeth</b> To identify the different types of teeth in humans and their simple functions by learning about different types of teeth.</p>	<p><b><u>Geography:</u></b> This term the children will be learning about: <b>Water</b></p> <ul style="list-style-type: none"> <li>• Changing state</li> <li>• Water cycle</li> <li>• Making clouds and rain</li> <li>• Treating water</li> <li>• Floods</li> <li>• Water pollution.</li> </ul> <p><b>Changing State</b> Describe and understand key aspects of the water cycle in the context of learning about the changing states of matter. <b>The Water Cycle</b> Describe and understand key aspects of the water cycle in the context of explaining the water cycle.</p>

### **Tooth Decay Enquiry Part 1**

To ask relevant questions and use different types of scientific enquiries to answer them by distinguishing between scientific and non-scientific questions and choosing between types of scientific enquiry.

### **Tooth Decay Enquiry Part 2**

To make systematic and careful observations by observing the changes that occur in their enquiry or test.

### **Digestive System Parts**

To construct and interpret a variety of food chains, identifying producers, predators and prey by understanding food chains and the role of different plants and animals within them.

### **Scientists and Inventors**

- Gerald Durrells conservation
- Alexander Graham Bell
- Discovery of Oxygen
- Kelvin's discovery of absolute zero
- Thomas Eddison
- The invention of toothpaste

### **Making Clouds and Rain**

Describe and understand key aspects of the water cycle in the context of learning about clouds and rain.

### **Treating Water**

Describe and understand key aspects of the water cycle in the context of learning about the water treating process.

### **Floods**

Describe and understand key aspects of the water cycle in the context of learning about flooding.

### **Water Pollution**

Describe and understand key aspects of the water cycle in the context of learning about water pollution.

**RE:** The focus for this term will be:

Christianity where we will explore religious artefacts and books.

**PSHE:** The themes this term will be:

'All about me!'

The children will focus on themes such as self esteem.

**PE:** The children will be building on their ball and athletic skills.

They will need their PE kit in school on a Tuesday and Thursday.

### **Computing:**

The children will be looking into the world of animation and designing their own animations. We will review on how to stay safe online.

### **History of Animation**

Analyse, evaluate and present data and information in the context of understanding the history of animation.

### **Stick Figure Animation**

Use a variety of software to design and create content that accomplish given goals in the context of a computer animation of a stick figure.

### **Recording Movement of Characters**

Use a variety of software to design and create content that accomplish given goals in the context of an animation recording with a number of moving characters.

### **Structured Timing**

Use a variety of software to design and create content that accomplish given goals in the context of structuring the timing of animation effects to create a short story.

### **Stop-Motion Animation**

Use a variety of software, on a range of digital devices, to design and create content that accomplish given goals in the context of stop-motion animation using a webcam or digital camera and associated software.

### **Evaluating Animation Techniques**

Select, use and combine a variety of software including analysing, evaluating and presenting data and information in the context of evaluating and comparing different animation software or techniques.

**Music:** The children will continue to develop their music skills by focusing on the Charangatopics through the theme: Blackbird.

**Blackbird by The Beatles . Warm-up Games Yellow Submarine by The Beatles and Hey Jude by The Beatles**

**Art/DT:** The children will continue to develop their art skills by focusing on a range of Famous British artists.

**Telling Stories In Pictures**To learn about great artists, architects and designers in history in the context of Paula Rego.

**Painting Landscape In Pieces**To improve mastery of art and design techniques, including drawing in the context of painting.

**Memory Postcards** To learn about great artists, architects and designers in history in the context of Sonia Boyce.  
**Portraits In Different Effects** To improve mastery of art and design techniques, in the context of a range of media.

**Making Sensory Boxes** To learn about great artists, architects and designers in history in the context of Anish Kapoor.

**Cross Curriculum Learning.** Maths and DT: The children will design a floating boat and use their mathematical skills ensuring accuracy when measuring.

**Homework:**

1. Read 5 times a week at home **to an adult** and engage in a high-quality discussion regarding what you have read. Parents should use the KS2 Parent Comment Bank to help with what to write in the home-school record.
2. Practise weekly spellings by using 'look-cover-write-check' and writing out at least 4 columns of spelling words. Children must also write a sentence using each word, demonstrating their understanding of the definitions of each word. These will be tested on a **Friday**.
3. Revise times tables, ready to be tested each week in a weekly times table test on a **Friday**.
4. Each week, children will receive a piece of maths homework. This will be set on the Thursday and expected to be handed in on the following.
5. The children will also have to choose a homework activity from a homework grid which is related to our class topic. This will have to be submitted every other week.  
The children can attend Wednesday lunchtime homework club if helps.

If children are unable to access the internet or MyMaths at home, they must make their teacher aware and will be able to access these services at our homework club. Year 4 will be able to access Homework Club every Tuesday lunchtime from 12:30 until 1.15.

**General Notices:**

**Please ensure your child has a pencil case with plenty of pens and pencils for use in the classroom.**

Pupils may come into school from 8.40am.

They are allowed to bring a water bottle into class with them.

Should you need to talk to the class teacher, please either; write a note in the home/school contact book, leave a message via the office using [teacher@hinguar.southend.sch.uk](mailto:teacher@hinguar.southend.sch.uk).

Our PE day is Thursday however PE kits should be in school every day.

**Hinguar Star**

If your child: remains in the learning zone at school, completes their homework on time, reads five times weekly to an adult and scores 6/10 on their spelling test, they will receive their Hinguar Star.

**Please encourage your child to:**

- Read to you out aloud 5 times a week.
  - Come into school ready to learn.
  - To be in the correct school uniform.
    - Be in the classroom by 8.50am.
  - Read at home to an adult on a daily basis.
- Complete weekly homework, timetables practice and spelling work on time.
  - Have the appropriate PE kit in school at all times.