

Tuesday 12<sup>th</sup> May 2020

Otter Class

Morning	<p><b>Maths</b></p> <p>The worksheets are available on our school website (in Home Learning).</p> <p>Year 4 - White Rose Home Learning - Summer Term, Week 4, Lesson 2: <u><a href="https://whiterosemaths.com/homelearning/year-4/">Perimeter of a rectangle</a></u></p> <p><a href="https://whiterosemaths.com/homelearning/year-4/">https://whiterosemaths.com/homelearning/year-4/</a></p> <p>Year 5 - White Rose Home Learning - Summer Term, Week 4, Lesson 2: <u><a href="https://whiterosemaths.com/homelearning/year-5/">Equivalent fractions</a></u></p> <p><a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p> <p>Additional challenge attached. Please prioritise daily DoodleMaths and DoodleTables.</p> <p><b>English</b></p> <p>I have decided to change my plans quite unexpectedly and indulge in reading and listening to a beautiful poem written in 1910 by Rudyard Kipling, <i>If</i>. It brought a tear to my eye. Also, you will be writing poems this week in Big Write, so dealing with one might help you in your efforts.</p> <p>Listen to the poem read by John Hurt first:</p> <p><a href="https://www.youtube.com/watch?v=Ow5xbBnOU2A">https://www.youtube.com/watch?v=Ow5xbBnOU2A</a></p> <p>And then again, an animated version of it: <a href="https://www.youtube.com/watch?v=Mi-VFL6obz8">https://www.youtube.com/watch?v=Mi-VFL6obz8</a>.</p> <p>You can stop after 2 minutes and 47 seconds, as the following recording is irrelevant to our today's learning.</p> <p>After that, read the poem on your own and choose 1 or 2 stars challenge to answer the questions.</p> <p><b>Extension task:</b> Write a new piece of advice which would be appropriate to add to the poem.</p>
Afternoon	<p>ICDM Section 3 Test 4</p> <p><b>Geography</b></p> <p>In today's lesson, <b>Challenged by Water: Floods and Drought</b>, we will consider key interactions between physical and human landscapes, in particular the impact of water supply distributed across the country and what happens during water related disaster events.</p> <p>Watch part of this video (from 15:08 minutes – 19:30 minutes):</p> <p><a href="https://www.youtube.com/watch?v=deta5DscPS4">https://www.youtube.com/watch?v=deta5DscPS4</a> featuring biomes and climate of the USA. Think about how temperatures change between January and July and verbally describe the pattern of rainfall in the US.</p> <p>Read through the PowerPoint presentation. Consider task one verbally, in which you explore the features of a good and accurate climate graph.</p>

Don't worry about task two. Instead, go straight to task three, which involves comparing two vastly different climatic regions of the USA. First explore the impact of floods from the Mississippi River. Then explore how drought conditions are affecting the state of California. You will need to collect clues about the region in order to provide an explanation of drought and its impact.

**Mississippi Flooding:** visit websites below to:

- a) Complete the Investigating: Mississippi Floods Activity Sheet
- b) Complete the details, causes and impacts table

Go to National Geographic website:

<http://news.nationalgeographic.com/news/2011/05/pictures/110510-mississippi-river-memphis-tennessee-flood-record-crests-nation/>

Go to National Geographic Website

<http://voices.nationalgeographic.com/2011/05/03/mississippi-floods-can-be-restrained-with-natural-defenses/>

Go to BBC News website <http://www.bbc.co.uk/news/world-us-canada-13337548>

Go Nature website:

<http://www.nature.com/news/2011/110513/full/news.2011.289.html>

**California Droughts:** watch this video to provide the context for the activity. Go to BBC website <http://www.bbc.co.uk/news/magazine-19121807>

Visit websites below to complete the Investigating: California Drought worksheet that explores causes and impacts of drought.

Use these websites to complete the California worksheet:

- Go US Drought Portal website <http://www.drought.gov/drought/>
- Go to the Global Warming Isn't Causing Drought? website <http://www.nbcnews.com/science/environment/global-warming-isnt-causing-california-drought-report-triggers-storm-n263941>
- California's vanishing lakes. Go to Daily Mail website <http://www.dailymail.co.uk/news/article-2731091/California-s-vanishing-lakes-Before-photos-reveal-shocking-shriveling-effect-state-s-devastating-drought-decades.html>

**Useful vocabulary:**

**Biome** - very large ecological areas on the earth's surface, with fauna and flora (animals and plants) adapting to their environment.

**Climate** - long term weather patterns in an area.

	<p><b>Delta</b> - landform that forms at the mouth of a river, where the river flows into an ocean, sea, estuary, lake, or reservoir.</p> <p><b>Drought</b> - less rainfall than is expected over an extended period of time, usually several months or longer. Or, more formally, it is a deficiency of rainfall over a period of time, resulting in a water shortage for some activity, group, or environmental sector.</p> <p><b>Flood plain</b> - an area of low-lying ground adjacent to a river, formed mainly of river sediments and subject to flooding.</p> <p><b>Latitude</b> - a measure of the distance you are located from the equator.</p> <p><b>Levee</b> - an embankment built to prevent the overflow of a river.</p> <p><b>Weather</b> - the condition of the earth's atmosphere over a brief period of time e.g. a day.</p> <p>As you could see, climate varies across the USA and the social, cultural and economic experience of place is affected by climate.</p> <p>Key Questions to consider after this lesson:</p> <ul style="list-style-type: none"> <li>• Why does climate vary across the USA?</li> <li>• Where is the Mississippi river?</li> <li>• Why does the Mississippi river flood?</li> <li>• What impacts do floods have?</li> <li>• What is drought?</li> <li>• What causes drought?</li> <li>• What are the impacts of drought in California?</li> </ul>
Other/ Homework	<p>Daily DoodleMaths or/and Tables</p> <p>Times Tables booklet (year 4 only)</p> <p>Reading your own book</p> <p>Joe Wicks/Daily exercise</p>