

# Year 5 Term 6 PBL Sheet

Week 1	Week 2	Week 3	Week 4
<p><b>PBL Topic:</b> “Do computer games enhance our life?”</p>	<p>w/c 03/06/2019 <b><u>GEOGRAPHY FOCUS</u></b> Use the map of Europe to create a puzzle game (which we will try and convert into a game using Google Sheets). The puzzle needs to include asking someone to match (1) the country names to the outline (2) matching the capital city to each country.</p> <p>Make sure you know the answers and test it on an adult.</p> <p>Extension: mark map with the location of the most well-known mountains and/ or rivers. Again, the puzzle asks users to match the names to the locations on the map.</p>	<p>w/c 10/06/2019 <b><u>ART FOCUS</u></b> Find a famous painting and print it. Then create a quiz or set of puzzle questions linked to the painting. <b>You must have at least 5 questions and have the answers too.</b></p> <p>We will be making this into an Escape Room puzzle on Sheets.</p> <p>Tip: choose something which has lots of detail.</p> <p>Google search “30 must see paintings National Gallery” It has lots of information about each painting.</p> <p>Or this link <a href="https://www.nationalgallery.org.uk/paintings/explore-the-paintings/30-must-see-paintings">https://www.nationalgallery.org.uk/paintings/explore-the-paintings/30-must-see-paintings</a></p>	<p>w/c 17/06/2019 <b><u>MATHS FOCUS</u></b> We have been learning about decimals (e.g. 0.324). Show us what you know about decimals by describing all the things you know.</p> <p>You may want to include:</p> <ul style="list-style-type: none"> <li>-Place values and partition a decimal</li> <li>-Listing decimal numbers and describing which ones are larger/ smaller and why (e.g. put these numbers in order 0.909, 0.099, 0.990, 0.009, 0.900)</li> <li>-How a decimal converts to a decimal fraction (1/10th, 1/100th etc.)</li> <li>-Adding and subtracting decimals.</li> </ul> <p>Try to design a game which we can include as a Puzzle for our Escape Room</p>



Week 5	Week 6	Week 7	Week 8
<p>w/c 01/07/2019</p> <p><b><u>MATHS FOCUS</u></b></p> <p>Chose to explore <u>either</u> of the following:</p> <p><b>a) Fibonacci Sequence.</b> Calculate all the Fibonacci numbers up to 1000. Remember the Fibonacci rule (look it up if you need to).</p> <p><b>b) Investigate a Pig Pen Cipher.</b> Create a message using the cipher and test it on someone so they have to decipher it. Make sure you include the code in your homework Look it up on wikipedia <a href="https://en.wikipedia.org/wiki/Pigpen_cipher">https://en.wikipedia.org/wiki/Pigpen_cipher</a> <b>Decide how YOU could make either into a puzzle/ game on Google Sheets</b></p>	<p>w/c 08/07/2019</p> <p><b><u>GEOGRAPHY FOCUS</u></b></p> <p>We will be comparing Oxford (UK) to the small city of <b>OXFORD, Mississippi, USA.</b></p> <p>Find 20 facts about the city (which may also be good comparisons to Oxford, UK).</p> <p>You might want to include some of the following:</p> <p>When the city was founded Population Main industries Location in the USA Rainfall Weather/ temperature Contour map Time Zone (or hours ahead of Greenwich Mean Time) What it's famous for?</p>	<p>w/c 15/07/2019</p> <p><b><u>REFLECTION FOCUS</u></b></p> <p>Think about the learning you have done this year. Choose one thing which you have most enjoyed and create a poster which you use to explain all you know about the topic. Try to do extra research to build your learning. Include a Quiz Question which the reader needs to answer.</p>	



# EUROPE



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