

St. Joseph's Topic Challenge

Year 4 Summer Term 2

Our topics this half term are 'All Aound the World' (Geography) and 'Scientists and Inventors' (Science).

To compliment this topic, we ask that you choose from and complete tasks from the menu below.

The heat-ometer suggests the difficulty or challenge the tasks may offer. You should attempt **at least one 'Extra Hot'** task this half term. Complete at least **4 tasks** from the take away menu, **two** that link to **Geography** and then a **further two** linked to **Science**.



<p>Use a world map or globe. Locate; the equator, Northern Hemisphere, Southern Hemisphere, North and South Poles, Tropics of Cancer and Capricorn, Prime Meridian Identify; Lines of Longitude, Lines of Latitude Research and write definitions for each of the above.</p>	<p>Follow the link below to find out all about oxygen. www.scienceforkidsclub.com/oxygen.html Create an information poster all about oxygen. Remember to include the necessary features; headings, sub-headings, Diagrams with labels and information boxes. Include information about the scientists who discovered oxygen and key dates</p>	<p>Choose various capital cities around the world and research the time differences to the UK. If it is 12 Noon in the UK, what will the time be in all the other cities? Draw clocks to illustrate.</p>
<p>Watch the video link below: https://youtu.be/FB3dCGSSkQw Thomas Edison invented the lamp and worked on developing electricity. Write an account of how this has changed the world.</p>	<p>Host an ' Around the World Dinner Party! Choose a country and cook a traditional meal (Adult Supervision Required). You could decorate the table with flags, play some traditional music etc</p>	<p>Research the Inventor, Alexander Graham Bell, who invented the telephone. Create a comic strip about his life and work.</p>
<p>Design and make a simple invention. Think about the purpose of your invention and the materials you will need. Complete a design booklet. Evaluate your finished product.</p>	<p>Research the Arctic and Antarctic circles. Find out about, climates, landscapes and wildlife. Write a report comparing the two regions, finding similarities and differences. Use diagrams and illustrations to make your work more interesting!</p>	<p>Ing Lehmann discovered that the world's core is solid. Draw a labelled cross section diagram of the earth's layers.</p>
<p>Research dances from different cultures. Learn one of the dances to perform to your family.</p>	<p>Watch the video about Charles Mcintosh, who invented the waterproof coat. www.youtube.com/watch?v=5fcCo0G3Z_w Test how waterproof different materials are. Design and make a waterproof outfit for a teddy.</p>	<p>Make a scrap book of flags from around the world, remember to label each one!</p>