

Class 3 Homework Topic Web

Over this term, you should choose different tasks to help you achieve team points. You can receive up to 10 team points for each piece. Bring your homework in to share with the class and help us celebrate your achievements.

Religious Education

24% of the world's population belong to the Islamic faith; they are Muslims. Islam teaches that it is forbidden to draw pictures of Allah (God) so they find other ways to show His unity and eternal nature. One way is through tessellation.



Use scraps of cereal packets, greetings cards, old magazines and recycle them into something beautiful which shows your knowledge of tessellation.

You could explore:

- which shapes tessellate
- this website: www.csun.edu/~lmp99402/Math_Art/Tessellation/tessellations.html
- drawing this star: www.youtube.com/watch?v=vpB4VAqOduo
- what different colours represent.

P.E.

Complete the stair climb challenge:

Virtual mountains	No of steps
Slieve Donard, Northern Ireland	5,390
Scafell Pike, England	6,180
Mount Snowdon, Wales	7,120
Ben Nevis, Scotland	8,810
Mount Blanc, France	30,420
Mount Kilimanjaro, Tanzania	38,680
Mount Everest, Nepal	58,070

Virtual buildings	No of steps
Millennium Dome, England	320
Sydney Opera House, Australia	425
Clifton Suspension Bridge, England	490
Big Ben, England	632
Forth Rail Bridge, Scotland	680
BT Tower, Birmingham, England	997
Blackpool Tower, England	1,036

https://www.nhs.uk/media/213470/halw_challenge_stair_climb.pdf

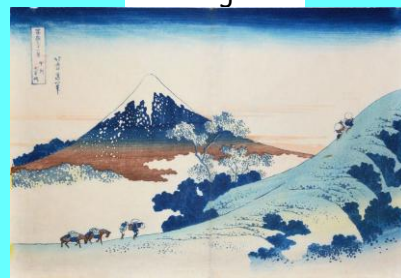
English

Write three haikus: one each for the Earth, the Sun and the Moon. You should think about the vocabulary that you use, very carefully and you should also ensure that you include, and convey, the key facts about these bodies.

Alternatively, you may prefer to create a fact file on one of the planets. You should aim to make it artistic and informative.

Art

Katsushika Hokusai is one of the most celebrated artists from Japanese history. Many of his works focused on natural settings such as mountains or oceans with a few blending both together.



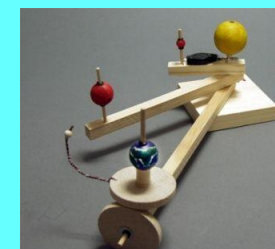
Draw or paint a picture of a mountain.

Science

Make an orrery.

An orrery is a model of the Solar System. There are lots of ideas on the internet for how you might do this. It could be a simple or more complex model.

We will discuss some ideas in school.



Maths

You are going to draw a bar chart of the tallest 5 mountains in the world. Find some squared paper (or borrow some from school) and begin your research. You will need to record your data in a table.

Once you've finished your bar chart, you need to write down the difference in size between each mountain (e.g. 1 and 2, 2 and 3, etc.) and difference between the tallest and the smallest on the list. You may want to include a picture of each mountain.

Geography

Make a 3D model of an earthquake.

Visit the website below for lots of fun ways to do this.

<https://www.3dgeography.co.uk/earthquakemodel>

