

Foxfield Year 5 Homework

22nd April 2022

Reading

Choose a book you have read recently. Imagine you interview a character in your story- What would you ask them? What would their replies be? Write and interview with your character using 2 different colours for your questions and your character's answers.



English

As part of our English learning journey we have been reading Dunkirk which outlines the events of the real battle and retreat which influenced the war effort.

Task 1 – Write a 3-5 day diary entry from the perspective of a British Soldier waiting to be rescued and evacuated from France while under attack from the axis alliance. Each day can express how the soldiers may be getting more anxious and losing hope in their situation (Can be done over a number of days).

Task 2 – Write a setting description to describe the landscape and chaos of the battle and retreat. Think about the 5 senses to describe the sounds, smells, feelings and sights that the soldiers may have experienced.

Task 3 – Write an argument for whether the retreat should have been viewed as a heroic act or embarrassing failure for the Allied army.

Science

In Science this term we have been exploring forces such as gravity, air-resistance and friction.

Task 1 – Create a mini-parachute that can take the longest time possible to fall from a given height, see if changing materials or design can slow down the rate at which the parachute falls.

Bonus – Attach a cup to the bottom of your parachute to see if it can protect an egg when falling.

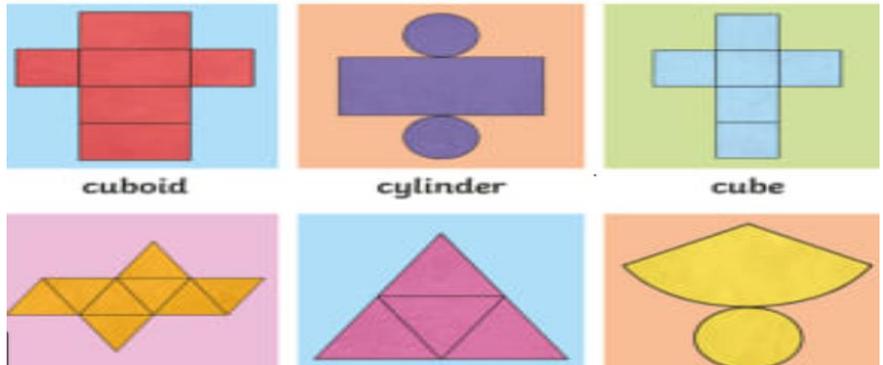
Task 2- Create a ramp at home using a flat surface on a box or step. Cover the ramp with different materials and roll items down (toy cars are ideal but small balls work well too). Discover which surfaces are best at reducing the speed the item moves down the ramp, if at all.

Maths

This half term, we will be focusing on area, perimeter and properties of shapes. Give these mathematical challenges a go:

Challenge 1:

Draw and design the nets for as many different shapes as you possibly can. After, cut out and try to create as many different 3-D shapes as possible using the nets you have researched and created.



Challenge 2:

Look at the cards to the right which state the properties of a shape, how many shapes can you draw that meet the criteria of each card? (More than 1 possibility per card).

The shape has two pairs of parallel sides.	The area of the shape is 24cm ² .	The length of each side is an even number.	The shape is irregular.
The shape has four right angles.	The shape's perimeter is numerically larger than its area.	The shape is a quadrilateral.	The shape has two lines of symmetry.

Challenge 3:

Area and Perimeter challenges:

Can you draw a shape in which the area is numerically equal to its perimeter? And another?

Can you draw a shape in which the perimeter is numerically twice the area?

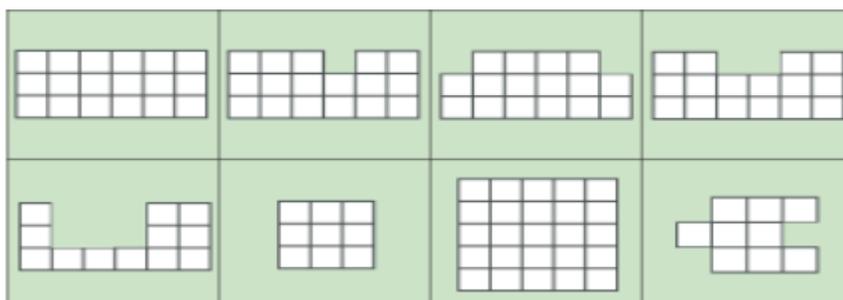
Can you draw a shape in which the area is numerically twice the perimeter?

Can you make the area of your shape go up but the perimeter go down?

Can you make the perimeter of your shape go up but the area go down?

Can you draw some shapes that have the same area but different perimeters?

Can you draw some shapes that have the same perimeter but different areas?



History

Our focus this term will be on World War Two.

Using your knowledge of WW2 and Dunkirk from your history learning and core-text, attempt the following task:

Task

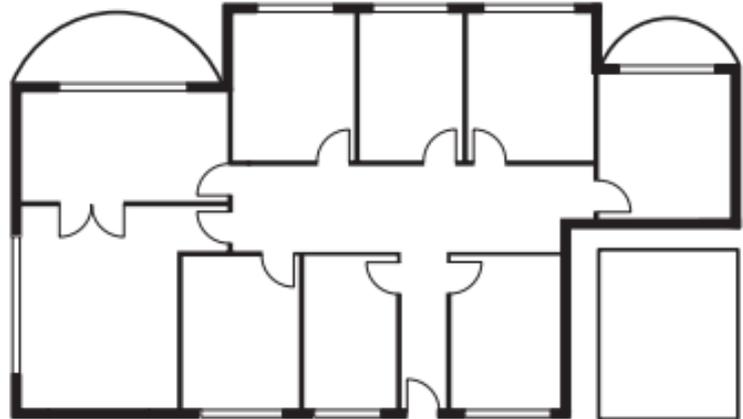
Write a rescue request message back to Britain explain the situation and events of Dunkirk and the urgency to be saved as soon as possible.

French

In French we will be learning about our homes (Chez moi).

Draw a house design that matches the description given in the box below.

Il y a un salon, une cuisine, une salle à manger, deux salles de bains, quatre chambres, deux balcons et un garage.



Bonus task – Create a new description with the rooms you would like to have in your dream house and then design that house as well.

Useful websites

www.spag.com

<https://nrich.maths.org/6499>

www.trockstars.com/login