**Year 5 Home learning**
**Rebellion and Invasion**
**Autumn 1**

Homework in KS2 involves independent learning. Each week the children choose one task centred on the concept block that we are studying as a school. How the children research or present their findings is entirely up to them. They can use computers, books, observation, questioning or experimenting; draw, paint, write or build. The only requests are that the work be carefully and attractively presented and that children don't copy out screens from books or the internet.

Each week, classes will set time for sharing the homework. Your support while your child is carrying out their home learning is greatly appreciated but please do not be tempted to do it for them. The important things are that your child enjoys what they are doing, discovers something new and practises learning independently.

The Children should also read daily, practise spellings and learn multiplication / division tables for Around The World Maths. There **may** also be a small amount of maths or English to complete.

Thank you for your continued support!

These are activities for to choose from over the course of this half term. Please bring it in to share on a Friday.

| 1 Dojos | 2 Dojos | 3 Dojos |
|---|---|---|
| You have completed your home learning and made some effort. I would like to see more consideration over the content and /or presentation of your learning. | This is good home learning; you've clearly put some thought into it and put a sensible amount of time into your learning. | Very impressive learning! You must have put lots of thought and effort into this learning and it's clear that you enjoyed doing this. |

**The scots, Anglo-Saxons and Vikings**

| | | | | |
|---|---|---|---|---|
| Draw and colour a picture of an Anglo-Saxon. What is he/she wearing? (You will need to research this first). | You are an archaeologist who has dug up a box of Anglo Saxon artefacts. What could be inside? Describe in a diary entry, using adjectives and similes what you found. | Create your own Sutton Hoo helmet/mask using whatever materials you have. You could also decorate it using tin foil or buttons. Look at the one found at Sutton Hoo for an example. (It can be any size). | Create a 'Wanted Poster, which includes a description of the criminal, states what crime has been committed and what the punishment is. Look at this website for ideas. http://topicbox.net/geography/anglo_saxons/5655/ | Explain how life in the Anglo Saxon times was different to today. |
| Write a story from the point of view of Beowulf | Create an Anglo Saxon timeline. | Write your own Old English phrasebook.  | Write an Anglo Saxon play. This could be performed and videoed for the class to enjoy. | Write a food diary for one day as if you were member of an Anglo Saxon household. |

**English**

**To be able to apply description language techniques to my writing.**
Find a picture of a landscape and write a descriptive paragraph to describe it. Remember you can use expanded noun phrases!

**To be able to apply description language techniques to my writing.**
Create your own narrative poem. Think about your setting. Try to use lots of description and figurative language.

Read *a narrative poem from the selection:* http://www.lancsngfl.ac.uk/curriculum/literacy/lit_site/html/fiction/narrative/
Draw or paint some illustrations to go with it.

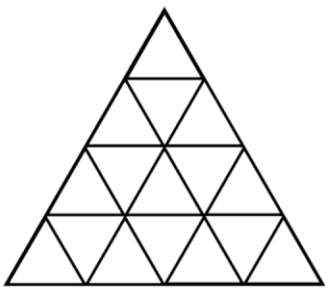
**Computing**

**To be able to program a computer game.**
Create your own computer game using a program such as Scratch 2.

**Maths**

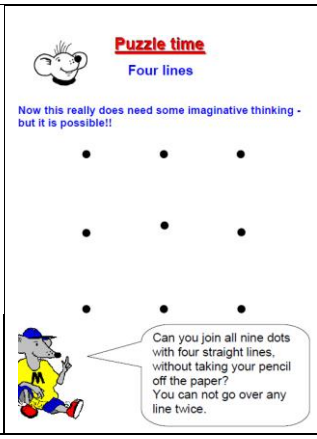
Play some games that involve maths.

Now design and make your own maths game. Make sure you have written clear instructions



How many triangles can you see?

Design a new puzzle for someone to solve. Try using a different shape




**Science**

***To be able to demonstrate my understanding of forces.***

*Complete the forces cross word*

***To be able to identify forces in action***
*Look around your home:*
*What forces are being used?*
*Draw illustrations of different objects that you find and label the forces being used.*

Make sure you are practising all of your times-tables for Around the world Maths and spellings.

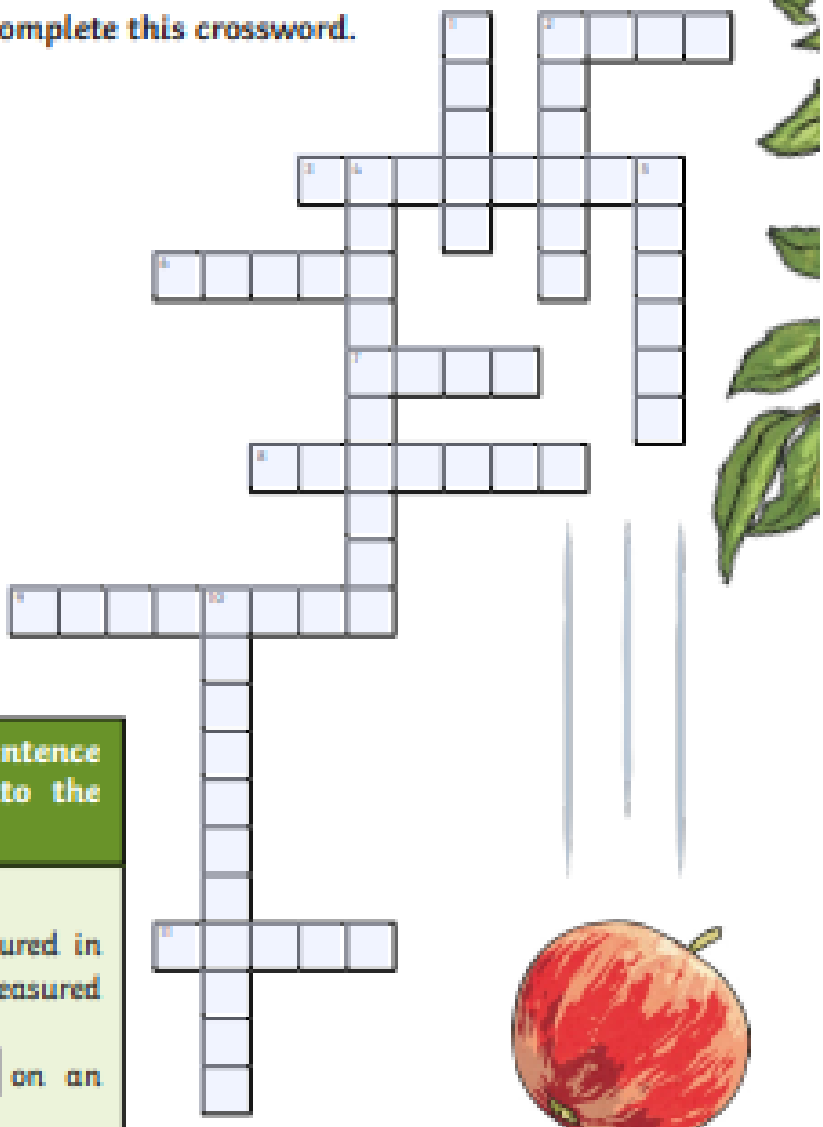
Enjoy!

# Forces Crossword

Use your knowledge of forces to complete this crossword.

**Use these words to help you:**

- ☐ force
- ☐ friction
- ☐ streamlined
- ☐ moving
- ☐ same
- ☐ opposite
- ☐ gravity
- ☐ pivot
- ☐ resistance
- ☐ mass
- ☐ slows
- ☐ Newton



**Fill in the correct word in the sentence clues. Then type the word into the crossword grid.**

## Across

2. Scientifically, _____ is measured in kilograms and weight is measured in newtons.
3. All surfaces create _____ on an object moving across them.
6. Friction _____ moving objects down.
7. Galileo Galilei conducted an experiment to prove that all objects fall at the _____ rate, no matter what their mass is.
8. _____ is a pulling force exerted by the Earth.
9. When two gears are connected, they always turn in _____ directions to one another.
11. A lever always rests on a _____.



## Down

1. A lever can be used to make a smaller _____ lift a larger load.
2. Air pushes against any object _____ through it.
4. Aeroplanes are streamlined so they do not experience much air _____.
5. Isaac _____ discovered more about gravity.
10. Objects that do not experience much air or water resistance are called _____.