

# Picasso Class Home Learning Grid: Autumn B

## The Vikings!

**Learning Intention:** Nrich problem solving task.

Please complete the following activities:

Miss Slater's Maths Group:

Fractional Wall

<https://nrich.maths.org/4519>

Mrs Jackson's Maths Group:

More Carroll Diagrams

<https://nrich.maths.org/5729/index>

**Learning Intention:** to work scientifically and design a waterproof jacket.

Your task is to design a waterproof jacket that can withstand the rainy weather!

Using your scientific knowledge, which materials would you use to design your jacket? They need to be both water resistant and flexible. You may use any materials that you wish.

Please create a carefully labelled design in your Home Learning Book, detailing which materials you have used and why.

Challenge: You could even have a go at making your jacket and testing it outside! (But do remember to ask permission from adults at home first).

### Year 5/6 Expectation

Each week the children will be expected to:

- Learn and practise the current spelling rule.
- Read every night (at least 15mins)
- Complete one homework task (to the same standard of work produced in school)
- Practise and learn times tables (up to 12x) and number bonds to 1 (numbers up to 3 decimal places: e.g. 0.497 + 0.503).

Please write the learning intention and date at the top of the page, so that I can see which task you have completed.

### Parents' role:

Please could you:

- Sign the homework each week on completion.
- Let us know if they struggled with any of the tasks.
- Indicate if they spent the time on the task, but couldn't complete it.
- Let us know if there is a genuine reason why the homework was not completed.
- Support and encourage, but avoid 'doing' the homework for them!

### Internet Access

The children can use the laptops at school any break time, if they are having problems gaining access to the internet at home.

**Learning Intention:** to write a book review. Which book are you reading at the moment? Or do you have a favourite book?

Write a book review, persuading us to read it! Mrs Jackson and Miss Slater will read the book from the most persuasive report within the class!

**Learning Intention:** to create a line graph. Complete some data analysis at home. For example, the temperature outside using <https://www.bbc.co.uk/weather>.

Record this information on a line graph. Remember:

- Label both your x and y axis
- Create a title for the graph
- Carefully calculate appropriate scales

If you would like some squared paper, please do ask Miss Slater or Mrs Jackson.

**Learning Intention:** Nrich interactive game.

Play 'Strike it Out' with someone at home!  
<https://nrich.maths.org/6589>

**Learning Intention:** to design a poppy.

This November marks 100 years since the end of World War One.

A poppy is used to remember all those men and women who have bravely fought in wars from World War One to the present day.

Using poppies as a theme for remembrance, please create an original piece of art work to commemorate the 100<sup>th</sup> year anniversary of WWI.