



All children are expected to complete the green squares, this is your core homework. Yellow squares are optional for those of you who want an extra challenge. **White squares are your home learning. Choose at least two of these to complete.** Date the squares as you complete them. All homework is to be brought into school by **Monday 11th February where we shall share our learning with others in class. You can bring in pieces earlier but it might be necessary to wait until this week to share them.**

Science Challenge	Cooking	DT	Maths Challenge
Create your own air resistance investigation such as: Does the size of paper effect how far a paper aeroplane can fly?	Choose 3 or 4 different meals to cook by yourself or with a parent. Get your family to vote for their favourite and then cook them that meal! Don't forget to take a photo! ☺	Make a model of the Houses of Parliament.	Measure the heights of different members of your family. Choose appropriate measurements. Present the collected data with a written explanation of what it shows.
Research	English Task	Maths Problem Solving	Art
Explore which countries have democracies and which do not. Why? Which is better, a democracy or dictatorship?	Write a formal letter to our local MP or Prime Minister. Choose an issue that matters to you and suggest ways in which they can help.	145 How many different ways can you achieve this target? Can you use all 4 operations & BODMAS?	Design a new Houses of Commons – what could it look like inside?
Reading Challenge	Music	Home Learning	Writing Challenge
Read a book by an author you have never read before. What did you like about the book? What made you choose it? Would you recommend it to others?	Practice the ukulele following on from lessons in class.	Your choice – what would you like to do to find out more about our topic?	Write a poem about power!

Spelling rules to practice this half term

- Revise & practice words with the '-ough' letter string.
- Identify 10 words in the year 5/6 word list you can't spell and practise these.
- Practise & apply spelling words ending '-cial' and '-tial'
- Practise proofreading – applying it to someone else's writing.
- Identify 10 words in the year 5/6 word list you can't spell and practise these.

Number skills to practice

- You should be secure in all the times tables and their related division facts up to 12x12. Identify and practise any you are not secure in, including $0.6 \times 8 =$ & $0.5 \times 0.4 =$
- Practise rounding numbers to a required degree of accuracy.
- Investigate BODMAS and continue to explore solutions to your own calculations.