



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 15th October 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	Art	DT	Maths Challenge
Explore electricity around the house. What uses it? How can you reduce your electricity usage?	Design and make a Greek Pot – what story will it tell?	Make a Greek Amphitheatre	The school of Pythagoras studied shapes and in particular, triangles. Your challenge is to investigate how many triangles you can create using 18 match sticks or pencils. How many can you create with 36?
PE	English Task (1 st)	Maths Problem Solving	Computing
Create a new Olympic Game! Describe it and ensure that the rules are explained clearly.	Write a short story about a young girl who discovers a talking animal living in her garden.	I think of a number. I add 15 and then multiply by 2. My answer is 32, what was my number? Now create your own "I think of a number" challenge for yourself.	Send an email to a relative and attach a photo of something you are proud of or have recently achieved. Wait for an excited reply!
Music	Maths Problem Solving	English Task (2 nd)	Food tech
Practice the recorder following on from lessons in class.	27 + 18 = How many different ways can you show how you would calculate this answer? You need to show AT LEAST 8. E.g. 20 + 10 = 30 7 + 8 = 15 30 + 15 = 45	Develop your writing using prepositional phrases, expanded noun phrases & figurative language. (Use your Learning Bricks to edit your writing)	Find out the healthy Ancient Greek diet. Create or find a recipe which includes items which could have been used at the time, such as barley, fruit and vegetables.
Reading Challenge	Research	Home Learning	Writing Challenge
Read a book by an English Author. Write a letter to the author describing what you liked about their book.	Research the British Museums website on the Ancient Greeks. http://www.ancientgreece.co.uk/	Your choice – what would you like to do to find out more about our topic?	Write a script and then film a documentary about Ancient Greek life to inform with the class.

Spelling rules to practice

- Identify 10 words in the year 3/4 or 5/6 word list you can't spell and practise these.
- Investigate and practice word endings - '-able' / '-ably', and '-ible' / '-ibly'.
- Practice adding suffixes beginning with vowels to words ending in '-fer'.
- Identify 10 different words in the year 3/4 or 5/6 word list you can't spell yet and practise these.
- Practice your proofreading in small chunks.

Number skills to practice

- By Year 6, 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 counting in multiples of any number going forwards and backwards crossing zero into negative numbers.
- Investigate and know what the prime numbers are up to 100.