

UPPER SCHOOL - Topic Extended Learning – SPRING TERM

YEAR 5: Please complete **two pieces** of topic extended learning from the options below. **YEAR 6** you may choose whether or not to complete the topic extended learning as you are completing your SATs study books. You can choose how to present your extended learning but it must reflect the time you have been given. Please ask your teacher if you have any questions. If you wish to send your work in electronically, please email it to your particular class e.g. galapagosclass@denmead-jun.hants.sch.uk

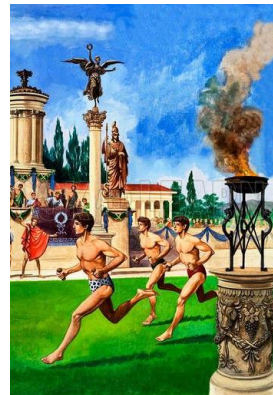
Present information on a powerful person

Our topic for the Spring Term is called Power. During this topic, we will be learning about the power of the monarchy and how over many hundreds of years this power has changed.

We would like you to research a person who you believe is/was powerful. You should aim to find out as much information as possible which will help us fully understand who they were/are and how they use/used their power.



Compare events over time



The Olympics in the world of ancient Greece were a completely different games to the ones we know today. Produce a fact file about the games as they knew it in ancient Greece. Why did they hold the games? Where were they held? Which events did they compete in? How are they different from the modern Olympic games?

Write a short story

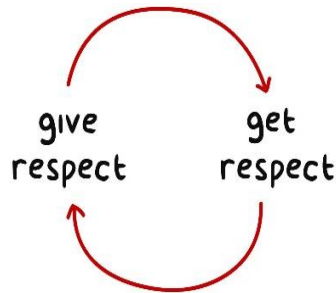
This is a 400-word story challenge. You have to write your own Greek myth. You can use characters/ places from other Greek myths in your own.

Remember, you only have 400 words though! You could choose to illustrate your story.



Research the learning value 'respect'

Research and present in our school learning value in any way you choose (e.g. a Power Point presentation, fact file, poster, song, model)



Be as imaginative as you like in finding a way to demonstrate this school value.

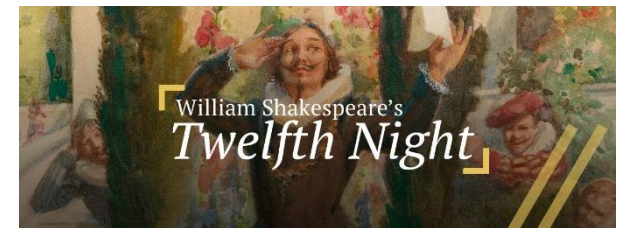
Develop greater knowledge of key mathematical facts

Use the key facts sheets sent home. Choose a particular area and create a game or poster to help you or other people become more confident with the facts.

Addition and subtraction	Fractions, decimals and percentages	Number Facts: Year 5	Measurement	Geometry
<p>Profils should be taught to:</p> <ul style="list-style-type: none"> add and subtract with one digit and with decimals (normal and formal methods) multiply and divide whole and decimal numbers by 10, 100 and 1000 recognise and use fractions, reading them to tenths, hundredths, or decimal equivalents recognise the first four multiples of any prime number write percentages as a fraction with 100 in the denominator (e.g. 45% = $\frac{45}{100}$) and as a decimal fraction (e.g. 45% = 0.45) 	<p>Profils should be taught to:</p> <ul style="list-style-type: none"> read and write decimal numbers in figures (e.g. 0.45) recognise and use fractions, reading them to tenths, hundredths, or decimal equivalents recognise the first four multiples of any prime number write percentages as a fraction with 100 in the denominator (e.g. 45% = $\frac{45}{100}$) and as a decimal fraction (e.g. 45% = 0.45) 	<p>Profils should be taught to:</p> <ul style="list-style-type: none"> convert between different units of metric measure (not as decimals to mass, capacity for metric, length and volume) know and use equivalent between metric units, and convert between units such as metres, centimetres and millimetres 	<p>Profils should be taught to:</p> <ul style="list-style-type: none"> identify names of angles (one whole turn) as being exactly eight of a point or a straight line (half a turn) identify angles in a right angle (quarter of a turn) recognise triangles, e.g. equilateral, isosceles, scalene know the sum of the angles in any triangle is 180 degrees and the sum of the angles in any quadrilateral is 360° 	<p>Profils should be taught to:</p> <ul style="list-style-type: none"> know the sum of the angles in any triangle is 180 degrees and the sum of the angles in any quadrilateral is 360°
<p>Number Facts: Addition and subtraction: multiplication and division</p> <ul style="list-style-type: none"> Derive main facts from known facts. For example: <ul style="list-style-type: none"> $12 \times 5 = 60$ $60 \div 5 = 12$ $12 \times 5 = 60$ $60 \div 12 = 5$ $5 \times 12 = 60$ $60 \div 5 = 12$ $5 \times 12 = 60$ $60 \div 12 = 5$ Square numbers: <ul style="list-style-type: none"> 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144 Prime numbers: <ul style="list-style-type: none"> 2, 3, 5, 7, 11, 13, 17, 19 Associated Pairs: <ul style="list-style-type: none"> 10,000 = 1000 × 100 10,000 = 1000 × 1000 10,000 ÷ 2 = 5000 10,000 × 2 = 20000 10,000 ÷ 5 = 2000 10,000 × 5 = 50000 10,000 ÷ 10 = 1000 10,000 × 10 = 100000 	<p>Number Facts: Fractions</p> <ul style="list-style-type: none"> $1 = 100 = \frac{100}{100} = 0.01$ $2 = 100 = \frac{200}{100} = 0.02$ $3 = 100 = \frac{300}{100} = 0.03$ $4 = 100 = \frac{400}{100} = 0.04$ $5 = 100 = \frac{500}{100} = 0.05$ $6 = 100 = \frac{600}{100} = 0.06$ $7 = 100 = \frac{700}{100} = 0.07$ $8 = 100 = \frac{800}{100} = 0.08$ $9 = 100 = \frac{900}{100} = 0.09$ $10 = 100 = \frac{1000}{100} = 0.10$ 	<p>Number Facts: Measure</p> <ul style="list-style-type: none"> 1 metre is approximately equal to 100 centimetres 1 kilometre is approximately equal to 1000 metres 1 hour is 60 minutes 1 day is 24 hours 1 year is 365 days 1 year is 365.25 days 1 year is 365.25 × 24 hours 1 year is 365.25 × 24 × 60 minutes 	<p>number facts: geometry</p> <ul style="list-style-type: none"> 300 = 4 × 90 300 = 2 × 150 300 = 3 × 100 300 = 6 × 50 300 = 10 × 30 300 = 15 × 20 300 = 20 × 15 300 = 30 × 10 300 = 60 × 5 300 = 100 × 3 300 = 150 × 2 300 = 300 × 1 	

Study a play

In English we will be studying Shakespeare's play Macbeth. Choose another of Shakespeare's plays (there are lots of child friendly versions) and present a piece of work linked to it. This could be a summary of the plot; a drawing of what you think one of the sets would look like; character profiles. Be adventurous, the choice is yours.



HAND IN DATES: The first is due in on Monday 14th March and the second is due in on Monday 4th April please.