

Learning Log Homework Years 5 and 6 Summer Term 2019

Week 1 – due in on Tuesday 7<sup>th</sup> May 2019

Design and make an A3 grammar mat. You can use both sides of the paper. Your grammar mat must include the terminology below and explain:

1. Modal verbs
2. Subordinating clauses
3. Active voice and passive voice
4. Past progressive
5. Subjunctive mood 'If I were...'
6. Expanded noun phrase
7. Relative clause
8. Types of nouns
9. Verbs, adverbs, adjectives, pronouns, determiners, articles
10. Conjunctions, co-ordinating (FANBOYS) and subordinating (ISAWAWABUB)

Week 2 – due in on Monday 13<sup>th</sup> May

Maths revision: Learn the Fractions, Decimals and Percentages table off by heart:

### Fractions, Percents, and Decimals

<u>Fraction</u>	<u>Percent</u>	<u>Decimal</u>
1	100%	1.0
1/2	50%	0.5
1/3	33.3%	0.33
1/4	25%	0.25
1/5	20%	0.2
1/6	16.6%	0.166
1/8	12.5%	0.125
1/10	10%	0.1
1/12	8.3%	0.083

Challenge yourself with some questions such as what is 3/8 as a decimal? What is 2/3 as a percentage?

Week 3 – due in on Monday 20<sup>th</sup> May 2019

(Choose either Pythagoras or Archimedes)

Pythagoras (say "pie-thag-or-as") of Samos was a Greek philosopher who lived from about 580 BC to about 500 BC. He made important developments in mathematics, astronomy, and the theory of music.

Pythagoras spent much of his life studying mathematics and formed a special school where members followed strict rules, such as never eating meat. Pythagoras believed that everything in the world could be explained by numbers and his school worked hard to try to learn enough about numbers to be able to understand the universe.

Use n-rich <http://nrich.maths.org/2721> and make a maths poster to explain Pythagoras's theories, many of which you already know, you will be surprised!

Archimedes was one of the greatest scientists in Ancient Greece, in fact the Ancient world! He had a number of strings to his bow. Most commonly known these days for his advanced mathematics, he was also recognised as a weapons designer, engineer, inventor, astronomer, physicist and all-round scientist. Devices created by Archimedes are still in use today. For example, the Archimedes Screw pulls water from the ground very easily and efficiently. Archimedes is also credited with discovering a very accurate estimate for the value of pi in advanced mathematics.

What do you know about pi? What do you know about the Archimedes screw? Where have you seen one in action? Can you find out where there are Archimedes screws in Yorkshire?

Week 4 – Monday 3<sup>rd</sup> June 2019

Create a Greek alphabet poster for use in class, you could add pictures to make it a fun learning tool! Add jokes and fun facts about the alphabet.

Much of the English language comes from ancient Greek. How many examples of Greek words and the English words derived from them can you find? This will give you a good feel for the Greek roots of English.

Week 5 – due in Monday 10<sup>th</sup> June 2019

Focus on your Business Enterprise presentation this week.

Think about your investment, your outlay, profits and losses. What skills have you developed? What have you learned as a result of your Business Enterprise? How would you like Class 3 to use the money raised?

Week 6 – due in on Monday 17<sup>th</sup> June 2019

What are earthquakes? Whys do we have earthquakes? Present your learning in any way you choose!

Week 7 – due in on Monday 24<sup>th</sup> June 2019

This is your final piece of homework this year! You have worked incredibly hard and deserve a treat! Research Greek food and make a Greek meal for your family. Create a menu to share with the class and ask your family to write comments. You might like to try eating in a Greek restaurant and write a restaurant review to share with the class.

Have fun and thank you for all your hard work. Mrs Townson

Performance Poetry – 23<sup>rd</sup> May 2019

‘A cautionary tale’ – Edward Lear or Charles Causley

Performance Poetry – 12<sup>th</sup> July 2019

‘Yorkshire’