Year 5

Spring Term 1

Home learning

11/01/2021

Dear Parent / Carers

Mr Gallop and Miss Heath have put together a weekly 'pack' of learning activities that coincides with the learning that the children will be doing in school. Below are some ideas and links to follow at home. Our theme for the next few weeks will to be 'World War 1'.

Please email the school at enquiries@fairfieldsprimary.co.uk should you have any questions.

To ensure that the children are motivated to complete as many of these suggested activities as possible whilst at home – we would encourage them to email us, or drop off into school (following social distancing guidelines) any work they would like to share with us at the end of each week.

Thank You

Mr Gallop and Miss Heath

Suggested Timetable

Day	English – Zoom	Maths – Zoom	Additional Learning	Home Learning
Monday	0940 - 1020	1045 - 1125	SPAG 1315 - 1345	Science
Tuesday	0940 – 1020	1045 – 1125	X	PE
Wednesday	0940 – 1020	1045 - 1125	Reading 1315 - 1345	ILP – WWI
Thursday	0940 – 1020	1045 – 1125	X	PSHE
Friday	0940 – 1020	1045 - 1125	Assembly 1315-1345	Reading/Spellings

Please feel free to deviate from this suggested timetable due to family or work commitments. It only acts as a guide to when we will be conducting certain learning activities in school.

English – Writing
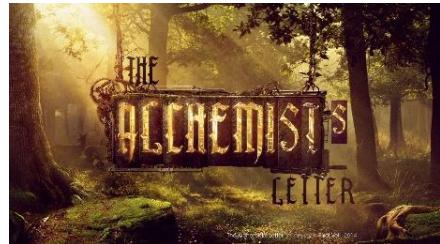
This week in English we are continuing with our writing topic to do with 'The Alchemists Letter'.

Please see the link that will take you to the clip we will be using during our writing. https://www.youtube.com/watch?v=fXbf0QSiLv4

During the sessions this week we will be looking at the how we can write and improve 'descriptive sentences' of the setting, the characters and the 'machine'.

Some of the lenses we will be focussing upon will include -

You will need nothing more than some paper and your writing materials to complete these lessons.

Maths

This week in Maths, we are continuing new topic of Y5 Fractions. We will be 'adding and subtracting' fractions.

The Chilli Challenges for this topic can be found at the end of this document.
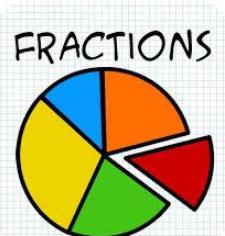
You will need nothing more than some paper and your writing materials to complete these lessons. All questions will be shared on the screen during the Zoom lesson.

English - Reading

In class we will be focsuing the reading skill of prediction. In order to predict, you need to look for all the clues in the text or picture, then link it to your current knoweldge of the world and make a sensible guess about what will happen.

1

Sam and Sam were walking along the road. Clouds started to gather over head, they could hear a distant roll of thunder.

What will happen next?

2

Lucy woke up at 7:00am. "I should just about make it to work on time today," she thought. She went outside and turned on her car. It made a grinding sound and then went silent.

Will Lucy make it to work? Give reasons for your answer.

3

Carmen walked in wearing her new, expensive sweater and sparkling, white trainers. She went to her friend and said, "I have £100 to buy a new outfit, which shop should I go to?"

Her friend replied, "Well, Marks and Spencer has some lovely clothes, but they are expensive." Carmen nodded. "Whereas in Primark you could get a number of new outfits for your money." Carmen winced a little.

Which shop will Carmen go to? Give reasons for your answer.

Y5 and Y6 SPaG – 'determiners'

A determiner is a word that introduces a noun such as a, an, every, three, many and those. Determiners can be split into several categories depending on their usage.

Definite and indefinite articles: The definite article is 'the' and the indefinite articles are 'a' or 'an'.

Possessive determiners: These indicate ownership and include my, your, his, her, our, their, etc.

Interrogative determiners: They normally introduce a question about a noun and include which, what and whose.

Demonstrative determiners: Point towards a specific noun and include this, these, that, those, etc.

Quantifiers: Used to show the number of a noun and include few, more, less, three, another, many etc.

Help Determiner Dog to sniff out all the determiners in each sentence. When you have found a determiner, circle or underline it.

1. Those earrings are beautiful!
2. "Whose bone is that?" he thought.
3. Our house was built in the 1900s.
4. Many people have pets.
5. The boy replied, "That book on the shelf."
6. There were a few biscuits left in the tin.
7. Determiner Dog sat in a garden waiting for the postman to arrive.
8. A cat slowly walked along the fence.
9. 'Get out of my garden!' thought Determiner Dog.
10. Another cat appeared on the fence. Determiner Dog barked at the two cats to scare them away.

our	few	their	many	which	your	these

Help Determiner Dog complete the sentences below by adding the correct determiner. Use each determiner in the box above to help complete each sentence.

1. _____ book do you want to read first?

2. In Spain, _____ towns celebrate the festival of San José in March.

3. _____ new classroom didn't have enough chairs.

4. After sharing with her friends, Kacie only had a _____ sweets left.

5. "_____ dad is really funny," said Jake to his friend Raj.

6. "_____ dog is called Hugo," said Ken and Charlie.

7. "Take _____ tickets and hand them in at the entrance," said the man at the ticket box.

Write a sentence containing each of the determiners below.

our: _____

an: _____

many: _____

Y5 - Spelling

This week's spelling rule is words containing the digraph 'ee' that is spelt 'ei'.

Some examples of this spelling rule would include – 'receive, conceive and caffeine'

Please practice the spellings from the below activity using the strategy – 'Look, Say, Write, Cover, Check'.

Choose the right word

Complete the sentences using the correct word from each word family.

> ceiling   ceilings   receipt   receipts
> conceited   conceit   receiving   received   receive

1 Will you help me to paint the _____ in all the bedrooms?

2 I'm not exaggerating – the man was so tall his head touched the _____!

3 You need a _____ to exchange that coat.

4 Here are the _____ for the two pairs of shoes I bought.

5 As a result of her _____, she was not popular in school.

6 The wicked queen was very _____ and liked looking at herself in mirrors.

7 My dad _____ an award for his bravery last year.

8 I like giving as well as _____ presents.

9 I was overjoyed to _____ a new skateboard for my birthday.

Maths Fluency

Please continue to practice your times tables fluency using the following links -

- https://ttrockstars.com/ All children within Fairfields Primary School have a log-in and are able to access all resources on either a laptop, or tablet device.
- Take a look at the following link - https://corbettmathsprimary.com/5-a-day/. Each day there are four different levels of maths questions you can choose to do to challenge yourself with.

PSHE

Our PSHE topic this term is healthy eating and exercise. Please follow the link below, watch the videos and complete the activities

- https://classroom.thenational.academy/units/eat-well-live-well-7109

PE

Below are links to give you a variety of different ways to get active and exercise!

https://www.youtube.com/watch?v=Rz0go1pTda8

https://family.gonoodle.com/

In addition to these links – you could also check out –

Super Movers

Description: videos which help children move while they learn. They support curriculum subjects, including maths and English.

https://www.bbc.co.uk/teach/supermovers

#ThisIsPE

Description: videos delivered by teachers focussing on the PE curriculum which are accessible on YouTube. These have been commissioned by the Association for Physical Education

https://www.afpe.org.uk/physical-education/thisispe-supporting-parents-to-teach-pe-at-home/

Active at Home

Description: The ACTIVE AT HOME programme allows children, parents, friends and family to look at some of our fun games that are used in school. You will have access to our lesson plans, videos and diagrams to help you keep active when your children are not at school.

https://online.succeedin.co.uk/public/index/638

Sportshall athletics at home

Description: The Home Pentathlon is a fun way for families to take part in adapted Sportshall Athletics events within their home environment.

http://www.sportshall.org/homepentathlon

ILP – WW1

This week we will be exploring the reasons why the first World War started. We will find out about Archduke Franz Ferdinand and the events that lead to most Europe being drawn into a disastrous war of attrition.

Questions to research at home:

Who was Archduke Franz Ferdinand?

What happened to him?

Why did this cause the War?

Who are the Black Hand group?

When did the War start?

Where did the first battle take place and between who?

Why did Britain take part in the war?

https://www.youtube.com/watch?v=LQ6dkIW051M

https://www.youtube.com/watch?v=oEvuMhP2CuA

Again, you can choose to present your findings in any way you want!

Y5 and Y6 – Science – Properties and Changes of materials

This week we are going to begin our new science topic on exploring different materials, how they can change and whether we can group them together!

We are going to start our topic with a science experiment and test how various materials are different or similar. **At home, find five or six of different materials that you can use for an experiment.** These can be anything: rocks in your garden, cardboard, cotton, plastic and many more!

Have a think about how we create a fair test and make sure you keep everything the same except for one **variable**. Have a look at this short video to make sure your test is fair: How do you make sure a test is fair? - BBC Bitesize

Using the materials that you collected at home, we are going to test the **hardness** and **permeability** of the materials. Research what these words mean and how we can test them using the websites below and any other online resources that you have access to:

Cool Science for Kids - Episode 1 - Permeability - Kids Science Labs - YouTube

Materials And Their Properties - YouTube

Matter Compilation: Crash Course Kids - YouTube

Conduct an experiment to test the **hardness of an object**, using the same amount of force each time to try and change the object, and the **permeability of the object**, using the same amount of water each time to see whether the water will go through the object.

Record you results in the table below. Rate the hardness and permeability of each object out of 10 (1 being not at all and 10 being extremely) and make a comment on the changes that you can see!

Material	Hardness (can the object be scratched or can its shape be changed?)	Hardness Comment	Permeability (can gases or liquids pass through the object?)	Permeability comment

Maths - Chilli Challenges

1a. Complete the calculation shown below.

$$\frac{1}{2} + \frac{1}{4} = \frac{\square}{\square}$$

VF
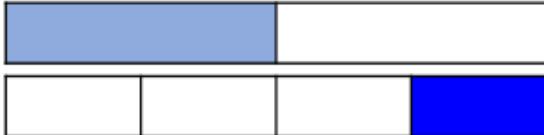
1b. Complete the calculation shown below.
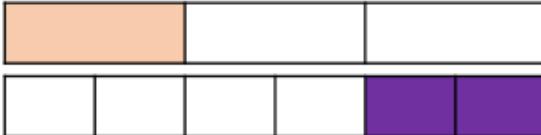
$$\frac{1}{3} + \frac{2}{6} = \frac{\square}{\square}$$

VF

2a. Complete the calculation for this model.

$$\frac{\square}{4} + \frac{\square}{8} = \frac{\square}{8}$$

VF
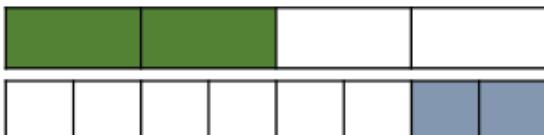
2b. Complete the calculation for this model.

$$\frac{\square}{5} + \frac{\square}{10} = \frac{\square}{10}$$

VF

1a. This model shows the addition of two fractions with different denominators.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

What calculation could it show?

PS
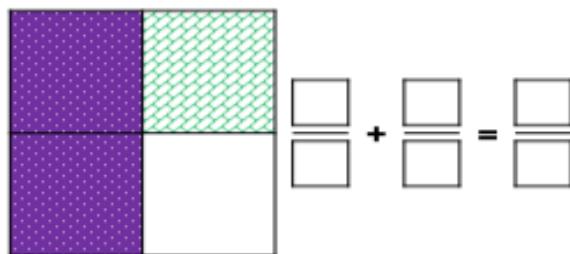
1b. This model shows the addition of two fractions with different denominators.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$
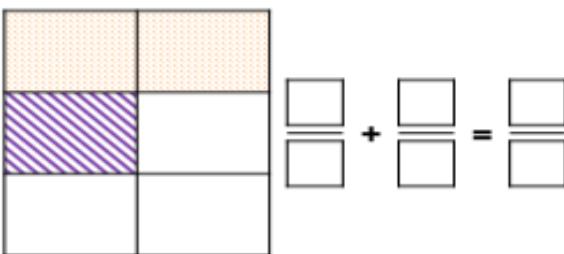
What calculation could it show?

PS

2a. True or false?

$$\frac{1}{6} + \frac{2}{3} = \frac{5}{6}$$

Explain your answer.

R

**2b.** True or false?

$$\frac{3}{12} + \frac{1}{6} = \frac{7}{12}$$

Explain your answer.

R
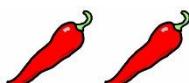
5a. Complete the calculation shown below.
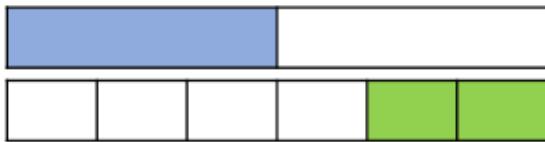
$$\frac{1}{2} + \frac{2}{6} = \frac{\square}{\square}$$

5b. Complete the calculation shown below.

$$\frac{1}{5} + \frac{6}{15} = \frac{\square}{\square}$$

**6a. Complete the calculation for this model.**
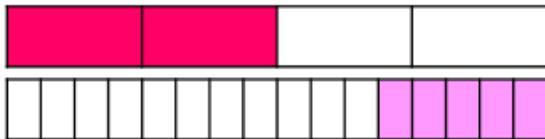
$$\frac{2}{\square} + \frac{\square}{16} = \frac{\square}{16}$$

6b. Complete the calculation for this model.
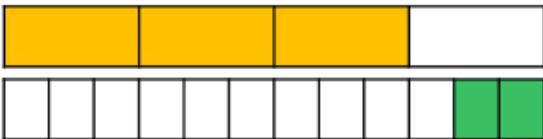
$$\frac{3}{\square} + \frac{\square}{12} = \frac{\square}{12}$$

**4a. This model shows the addition of two fractions with different denominators.**

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$
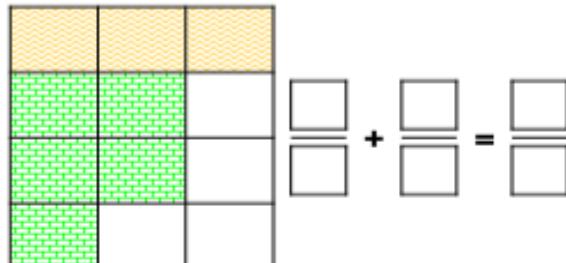
What calculation could it show?

4b. This model shows the addition of two fractions with different denominators.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$
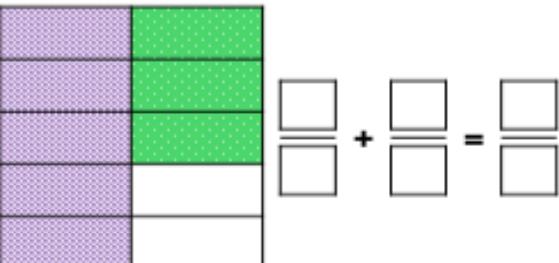
What calculation could it show?

5a. True or false?

$$\frac{5}{27} + \frac{2}{3} = \frac{11}{27}$$

Explain your answer.

5b. True or false?

$$\frac{3}{20} + \frac{3}{4} = \frac{15}{20}$$

Explain your answer.

7a. This model shows the addition of two fractions. All the denominators are different.


$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$
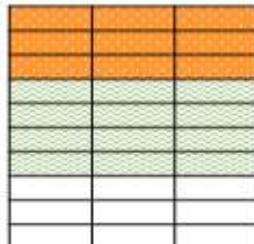
What calculation could it show?

7b. This model shows the addition of two fractions. All the denominators are different.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$
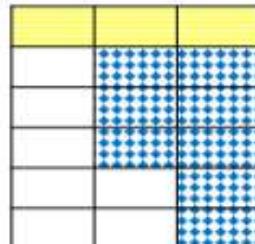
What calculation could it show?

8a. True or false?

$$\frac{4}{15} + \frac{7}{12} = \frac{49}{60}$$

Explain your answer.

8b. True or false?

$$\frac{11}{21} + \frac{5}{14} = \frac{37}{42}$$

Explain your answer.

11a. Complete the calculation below using your knowledge of equivalent fractions.

$$\frac{12}{16} + \frac{3}{24} =$$

11b. Complete the calculation below using your knowledge of equivalent fractions.

$$\frac{3}{21} + \frac{6}{14} =$$

12a. Circle the correct answer.

$$\frac{6}{18} + \frac{4}{12} = \frac{\square}{\square}$$

A. $\frac{10}{18}$ B. $\frac{5}{6}$ C. $\frac{2}{3}$

12b. Circle the correct answer.

$$\frac{9}{15} + \frac{4}{20} = \frac{\square}{\square}$$

A. $\frac{13}{5}$ B. $\frac{4}{5}$ C. $\frac{3}{5}$

English Writing – The sentence stacking so far ….

The ancient, gnarled oaks stood silent as Veridian stepped out of the carriage. He looked around to gather his bearings. There in front of him stood an abandoned cottage, lost in the verdant undergrowth of the forest.

Veridian unlocked the creaking door and stepped tentatively inside the damp hut. In front of him, he was confronted by a sight never seen before: a fantastical machine.

'How did my father construct this?' thought Veridian as he circled the glowing orbs curiously. Before him, he could see the mystical machine glinting in the sunlight. Suddenly, the delicate looking cogs began to turn.

As the colourful smoky spheres of gas began to dance – childhood memories started to flood back into Veridian's thoughts.

He paused for a moment and longed to be back outside. The silent oak trees. The vibrant flowers. The shimmering stones. The thoughts of these things calmed him in this overwhelming moment.

As Veridian had steeped inside the abandoned cottage, the atmosphere changed. Suddenly he knew he was in a peculiar place. The rotten rags. The stained windows. The hanging cobwebs - all of these things contributed to his intense feelings of anxiety.