

# Church C of E Primary Academy

R.E.S.P.E.C.T

## Termly Newsletter



In this leaflet we will provide you with key information about your child's new year group routines. We will also share information about what your child will be learning about in each subject throughout this academic year.

We hope that you will find this information useful when helping your child with their learning at home.

### Welcome to Year 5!



#### Expectations:

- Uniform and PE kits comply with the school's policy.
- Reading books are in school everyday.
- Children read at home daily.
- Homework is completed and returned to school.

#### Educational Visits

Date to be confirmed trip to the Mosque.

We value our partnership with you in supporting your child's learning and hope the information helps you to support and encourage your child with their learning. We know you take an interest in your child's learning and we thought this was a fantastic way to help you know what we are doing as a class so that you are able to support and encourage your child! We hope that this newsletter will help you plan days out, ideas about learning time you spend with your child and address any questions you have about your child's learning. If you have any questions to ask, no matter how small they may seem to you, please do not hesitate to ask.

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## English

Our class text will be The Firework Maker's Daughter by Phillip Pullman. We will use this to write: recounts of Chapters 1 and 4, a poem about fireworks, a persuasive advert for Rambashi's Grill Restaurant,



### Key grammar skills:

Adding ISPACE openers at the start of paragraphs and sentences to make your writing flow. You can help your child by asking them to write sentences starting with each of these. You could make up a scenario or find a picture on the internet to inspire them.

### Spelling Patterns

<b>/shus/ endings spelt -cious or -tious</b>	
<b>Use -cious if the root word ends in -ce:</b>	<b>Use -tious if it can also have a -tion /shun/ ending:</b>
<b>conscious</b> (science)	<b>ambitious</b> (ambition)
<b>precious</b> (price)	<b>cautious</b> (caution)
<b>vicious</b> (vice)	<b>infectious</b> (infection)
<b>gracious</b> (grace)	<b>nutritious</b> (nutrition)
<b>ferocious</b> (fierce)	<b>pretentious</b> (pretention)
<b>malicious</b> (malice)	<b>fictitious</b> (fiction)
<b>delicious</b>	<b>superstitious</b> (superstition)
<b>suspicious</b>	<b>repetitious</b> (repetition)

**Complete rule breaker: anxious**

We use these openers at the start of our sentences. They are fronted adverbials, as they tell us more about the verb and they are at the front of the sentence.

- I** **ing** - Smiling sweetly, she turned and walked away.
- S** **simile** - Like the chocolates in the box, she vanished quickly.
- P** **preposition** - On top of the hill, the wolf stood and watched.
- A** **adverb** - Hurriedly, he snatched the ticket.
- C** **conjunction** - When he found his bone, the dog settled at the bottom of the stairs.
- E** **ed** - Pleased with what he had done, he stood back and admired his work.

### Reading

It is vital that your child practises reading at home at least 3 times per week. When they read to you, it would be really beneficial if you could ask them inference questions such as:

Why do you think...?

What do you know about the character...?

Can you predict what will happen when... Why?

## History

We will be learning about the Ancient Greek

### Key Knowledge:

There were two key states in Ancient Greece— Athens and Sparta. They had a very different way of life. We can learn about life in Ancient Greece by looking at primary and secondary sources including paintings,, statues and clay pots.

The Greeks had a lasting impact on our life today. They invented lots of things we use today and even started the Olympics!

You can help your child by researching Athens and Sparta— how are they similar/different?



## Geography

We will be learning about mountains and focusing on the Alps.

### Key Knowledge:

The highest mountain in the UK is Ben Nevis in Scotland.

The Alps are in the following countries— Switzerland, Italy, France, Germany, Austria, Slovenia, Liechtenstein.

Mount Everest is the tallest mountain in the World. This is in the Himalayas in Asia.



## P.E.

P.E. will be on the following days:  
Tuesdays and Wednesdays

Please make sure that your child has their P.E. kit in school.

We will be focusing on cricket. This will include:

- Overarm and underarm throwing
- How to correctly hold the bat to hit the ball
- Directing the ball when batting
- Fielding techniques
- Using our skills in games of cricket



You can help your child by practising underarm and overarm throwing.

## Music

Year 5 will be exploring the different instruments used in a band and they will be working in groups/ensembles to fit their different parts together.

They will be reading and playing from notation and will also play on the electric instruments.

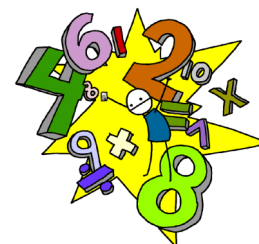


## Maths

Place Value:

**Key skill– rounding to 10,000**

To round a number to the nearest 10,000, **check the thousands digit to decide whether to round up or round down.** If the thousands are 5000 or more, round up. If they are 4999 or less, round down. 45,000 to the nearest 10,000 is 50,000.



Addition and Subtraction:

**Key skill– answering worded problems that involve using addition and subtraction.**

For example:

Jacob saved his pocket money for a year and has a total of 123.34. He spends £48.23 on a video game and 17.54 on a t-shirt. How much money does he have left?

Multiplication and Division

**Key skill– knowing square numbers, cube numbers and prime numbers between 1 and 20 from memory.**

### CUBE NUMBERS UP TO $10 \times 10 \times 10$

$$1 \times 1 \times 1 \text{ or } 1^3 = 1$$

$$2 \times 2 \times 2 \text{ or } 2^3 = 8$$

$$3 \times 3 \times 3 \text{ or } 3^3 = 27$$

$$4 \times 4 \times 4 \text{ or } 4^3 = 64$$

$$5 \times 5 \times 5 \text{ or } 5^3 = 125$$

$$6 \times 6 \times 6 \text{ or } 6^3 = 216$$

$$7 \times 7 \times 7 \text{ or } 7^3 = 343$$

$$8 \times 8 \times 8 \text{ or } 8^3 = 512$$

$$9 \times 9 \times 9 \text{ or } 9^3 = 729$$

$$10 \times 10 \times 10 \text{ or } 10^3 = 1,000$$

### SQUARE NUMBERS UP TO $12 \times 12$

$$1 \times 1 \text{ or } 1^2 = 1$$

$$2 \times 2 \text{ or } 2^2 = 4$$

$$3 \times 3 \text{ or } 3^2 = 9$$

$$4 \times 4 \text{ or } 4^2 = 16$$

$$5 \times 5 \text{ or } 5^2 = 25$$

$$6 \times 6 \text{ or } 6^2 = 36$$

$$7 \times 7 \text{ or } 7^2 = 49$$

$$8 \times 8 \text{ or } 8^2 = 64$$

$$9 \times 9 \text{ or } 9^2 = 81$$

$$10 \times 10 \text{ or } 10^2 = 100$$

$$11 \times 11 \text{ or } 11^2 = 121$$

$$12 \times 12 \text{ or } 12^2 = 144$$

How do prime numbers work?



13 has only two factors - itself and 1. So it is a prime number.



4 has three factors - itself, 1 and 2. So it is NOT a prime number.

©first-learn.com **List of prime Numbers** ©first-learn.com

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

# Science



We will be learning about properties and changes to materials. This will include separating salt and water using evaporation and testing whether a variety of materials dissolve in liquid.

## Key Vocabulary:

Soluble– a substance that dissolves in water.

Insoluble– a substance that doesn't dissolve in water.

Evaporation- the process of liquid turning into vapour (steam).

## Key knowledge:

- Materials have different uses depending on their properties and state (liquid, solid, gas).
- Properties include hardness, transparency, electrical and thermal conductivity and attraction to magnets.
- Some materials will dissolve in a liquid and form a solution while others are insoluble and form sediment.
- Mixtures can be separated by filtering, sieving and evaporation.
- Some changes to materials such as dissolving, mixing and changes of state are reversible (they can be undone and go back to how they were). Others are irreversible and the changes can't be undone.

# Computing



Pupils will develop their understanding of computer systems and how information is transferred between devices using inputs and outputs. Pupils will discover how information is found on the World Wide Web, through learning how search engines work.

## Key Vocabulary:

Input– *any information or data sent to a computer*– what will you put into the computer? (For example, typing information or speaking into a microphone).

Output– *any information processed by and sent out from a computer (for example, pictures on the screen or music).*

# Art



Pupils will be learning all about Typography.

This will include looking at different fonts and layouts. Learning how to use art to convey emotions.

The final project will involve the children making their own typography.

# DT



After October half term, we will be designing and making marble runs.

After completing market research, pupils follow an iterative design process, improving their product as they go.

I would really appreciate it if you could please start saving cardboard tubes, small cardboard boxes and plastic bottles for us to use. I will let you know via Dojo when these will need to be brought into school. Thank you in advance!

# French– Pets



## As-tu un animal ?



un lapin



un chien



un chat



un oiseau



un hamster



un poisson  
rouge



une tortue



une souris

You could help your child to learn these key words!