

## Home Learning Pack

Have a go at any the tasks below some tasks have been colour-coded as they would be in class. But feel free to challenges yourself on any of them.

**Green**

**Blue- Is the middle option of difficulty- If you complete blue you must also include the green.**

**Pink- Is the harder option- If you complete pink you still need to include the blue and green.**

Where it is not highlighted you are free to try what you like.

Religious  
Education

Each child has been given rosary beads from Father Micheal. We are learning to pray the rosary. Each bead and set of beads is special.. Can you create a poster or information booklet to show how to pray the rosary? Here is a reminder of what is involved.

### **Apostles' Creed**

I believe in God, the Father Almighty, Creator of heaven and earth; and in Jesus Christ, His only Son, Our Lord; who was conceived by the Holy Spirit, born of the Virgin Mary, suffered under Pontius Pilate, was crucified, died and was buried. He descended into hell; the third day He arose again from the dead; He ascended into heaven, sits at the right hand of God, the Father Almighty; from thence He shall come to judge the living and the dead. I believe in the Holy Spirit, the Holy Catholic Church, the communion of saints, the forgiveness of sins, the resurrection of the body and life everlasting.

Amen.

### **Our Father**

Our Father, Who art in heaven, hallowed by Thy name; Thy kingdom come; Thy will be done on earth, as it is in heaven. Give us this day our daily bread; and forgive us our trespasses, as we forgive those who trespass against us; and lead us not into temptation, but deliver us from evil. Amen.

### **Hail Mary**

Hail Mary, full of grace, the Lord is with thee, blessed art thou among women, and blessed is the fruit of thy womb Jesus. Holy Mary, Mother of God, pray for us sinners now, and at the hour of our death. Amen.

### **Glory Be to the Father**

Glory be to the Father, and to the Son, and to the Holy Spirit. As it was in the beginning, is now, and ever shall be, world without end. Amen.

Youtube clips are helpful too.

English



### **Letter writing/ persuasive argument**

Write a persuasive letter to persuade our school to have plastic recycle bins.

As you know single use plastic is a real problem that effects the world, from animals to beaches to us humans too. We are polluting

Year 5 Statutory word list.

our world and as a result animals and our environment are suffering.

What can we do to help? Well at home we can make sure we recycle any plastic that can be recycled (check the packaging) but at school we could have recycle bins that allow us to cut down on the amount we throw away.

Use AFOREST to help you persuade.

Alliteration

Facts

Opinions

Rhetorical questions

Exaggeration

Statistics

Triplets/ power of three

### **Biography**

Please create a biography about a famous scientist. Think about what they did, what they invented and how they did it.

Remember to include a title and subheadings e.g. early life, career and achievements

Introduction: 5 ws

Chronological (time) order

Dates throughout

Key achievements or significant events

Facts and opinions

Write in the third person. He, She, They, Her, His/Them, Name  
Expanded noun phrases= The big blue ball, glided into the goal!.

Paragraphs

Chronological/ time order- First, next, then after that.

Fronted adverbials- Before I knew it, ...

A range of punctuation. () ... -, “ “

Relative clauses- My sister-who was 11 at the time- decided that we should go to the circus.

Sub-headings

### **Auto-Biography**

You could create an auto-biography, as this is about you and your life ensure you:

Write in the first person. I, me, my, we

Expanded noun phrases= The big blue ball, glided into the goal!.

Paragraphs

Chronological/ time order- First, next, then after that.

Fronted adverbials- Before I knew it, ...

A range of punctuation. () ... -, “ “

Relative clauses- My sister-who was 11 at the time- decided that we should go to the circus.

Sub-headings

Year 5  
Spellings

### **Information Texts**

Research the lifecycle of a plant, preferably a plant that produces something we can eat e.g. strawberry plant or tomato plant. Then create a poster or leaflet based on your findings.

Include information about your chosen topic

Title

Sub-headings

Fun facts

### **Book Review**

Write a review of your favourite book or bookfest book

Tell me what you liked/ dislike about it etc.

Adjectives

What does the movie do to engage the viewer?

Keep a Diary / write a diary from someone else's perspective

Keep a diary discussing what you have been doing each day. Include;

Feelings

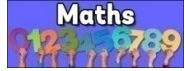
First person

Chronological order

Explore the 5 senses

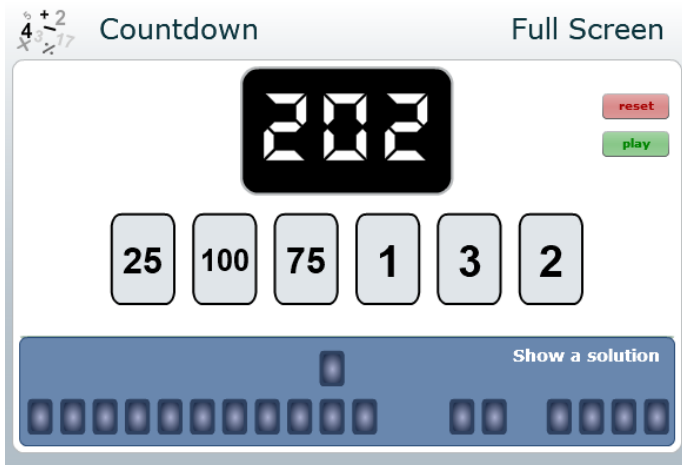
Colloquial language- Slang

We have practised writing a diary in our previous topic of WW1. You may wish to write a diary entry as if you are a soldier or perhaps you would like to write a diary entry as if you are a Viking warrior invading England.



Practice your times tables you should know up to your 12x tables by the end of year 4.

## COUNTDOWN



The aim is to make the number in the black box using the 6 cards. Try and get as close as you can to the target number. You can only use each number once but you can use the 4 operations (+ - x ÷) as many times as you want. Show all your workings out neatly below and highlight

your evidence.

This game can be found on the NRICH website. Or you could play it with smaller numbers using a pack of cards.

### Data handling

As part of our Science week we collected data about what fruit/veg the children of St Marys want us to grow in the greenhouse. The children split up in to groups of 5 and asked each year group, we came up with the list based on our research as only certain food can be grown easily in our country.

Can you collect data in a similar way? It doesn't have to be about food it can be anything you like. Make a table and graph to show your findings.

### Division

Use the bus stop method to divide 3 or 4 digit numbers by a 1 digit number.

E.g  $362 \div 7 = ?$   
or  
 $3268 \div 4 = ?$

How do you do short division or the bus stop method?

Here's a step-by-step guide to the bus stop method:

$$362 \div 7 =$$

$$\begin{array}{r} 51 \text{ r}5 \\ 7 \overline{) 362} \\ \underline{35} \phantom{2} \\ 12 \\ \underline{7} \\ 5 \end{array}$$

$$362 \div 7 = 51 \text{ r}5$$

- I start by thinking about whether 7 will go into 3.
- It doesn't, so I think about whether 7 will go into 36. It goes 5 times to make 35. I put the 5 over the 6.
- There is a remainder of 1, so this 1 goes next to the 2 to make 12.
- I know that 7 goes into 12 once and there is a remainder of 5, so I write 1 over the 2 and put 'R 5' at the end.

The bus stop method can also be used to divide three-digit numbers by two-digit numbers:

A graph to show how many sandwiches are sold every hour



Can you create questions to interpret the data? E.g.

How many sandwiches were sold at 5pm?

How many more sandwiches were sold at 1pm than 2 pm?

What is the difference between the amount of sandwiches sold before 2 and after 2?

What is the total number of sandwiches sold on that day?

### **Roman Numerals**

**Key : I = 1      V = 5      X = 10      L = 50      C = 100      D = 500      M = 1000**

Can you complete a table of significant dates using Roman Numerals? E.g. the Battle of Hastings in 1066 = MLXVI

Great fire of London 1666

End of World War 1 1918

End of World War 2 1945

Vikings First Invaded Britain 793AD

Spanish Armada defeated 1588

Battle of Waterloo 1815

Queen Elizabeth II Coronation 1953

First use of modern paper 105AD

Fall of the Roman Empire 476AD

### **Roman Numerals**

Can you add or subtract numbers and show the sum in Roman Numerals?

e.g.  $x + v = ?$   $x + v = xv$  which means  $10 + 5 = 15$

$MLX + XXX =$

$MMLVI - CCCV =$

### **Fractions!**

Top heavy fractions. Create questions to show top heavy fractions. What makes them top heavy? Represent them in different ways using pictures

Can you convert top heavy fractions in to mixed fractions?  
e.g.  $2 \text{ and } \frac{1}{4} = \frac{9}{4}$  because there are 2 lots of the whole (4) which is 8 and an extra  $\frac{1}{4}$  so there are 9 quarters altogether.

### **Adding and comparing fractions with the same denominator**

We have been looking at adding fractions with the same denominator. Can you explore adding fractions with the same denominator?

Use the less than greater than sign to compare fractions  
e.g.  $\frac{12}{15} < \frac{14}{15}$

Add or subtract fractions with the same denominator e.g.

$$\frac{34}{60} + \frac{12}{60} = \frac{46}{60}$$

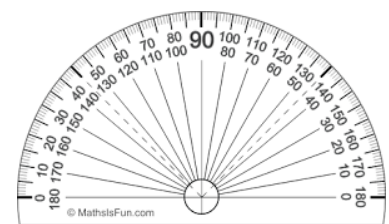
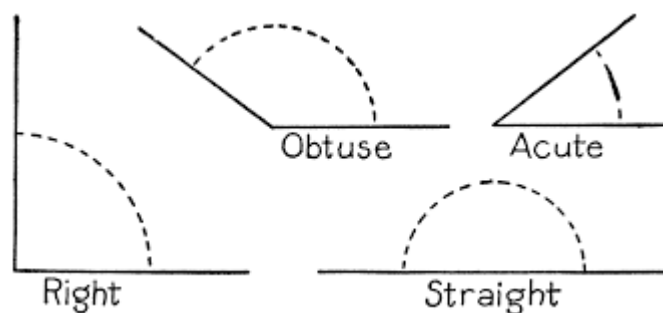
Add fractions with different denominators by converting them. Find the lowest common denominator e.g.

$$\frac{2}{5} + \frac{3}{15} =$$

You must find a number that is in both the 5 and 15 times table.  
Remember whatever you do to the bottom you must do to the top.

### Angles

We have been continuing to look at shape and in particular angles. You could look around your home and find examples of obtuse, acute and right angles, you could then draw and label the examples, if you have access to a protractor you could draw, estimate and then use your protractor to measure angles.



Right angle- 90'  
Straight line- 180'  
Full circle- 360'

.

Practice your times tables, find ways of remembering ones you are unsure of.

## MULTIPLICATION CHART TO 12X12



x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Science



Part of our science week will involve exploring food that we can grow.

Ideas for your science homework:

Design your own garden

Design your own green house

Explain the lifecycle of a plant

A poster on how to grow your own food.

Which countries grow which foods

Powerpoint to show the benefits of growing our own food

How is plastic packaging harming our planet. Perhaps create an argument for having different packaging

A graph of Britain's production of food over time.

Other- DT

Can you create a structure to help wildlife? This could be a bird house or a bug house or perhaps a shelter for other animals. Research how to make it and designs. Think about what you are going to make it out of. Will you need recyclable items or perhaps you will need an adults help to craft it.

Geography and History



Our next topic is Africa.

Can you locate Africa on a map or atlas? Africa is a continent, can you identify any of the countries that are in Africa? Perhaps you could explore the different languages spoken in these countries. You may want to investigate the rivers or mountains in Africa. Can you find out facts about them? You may want to produce a graph to compare their features.

	<p>We made a time line of significant events from the Viking era. We placed them on a time line and then researched for more dates and events to add to our time line.</p> <p>We discussed what BC means (Before Christ) and what AD means (Anno Domini)</p> <p>Can you create your own timeline of events? It does not have to be about the Vikings although that is a good idea as it is our topic! You might wantto do a timeline of your family!</p>			
ART	<p>We have practised drawing for our Bookfest competition. The final art entries are due in soon. Can you create your own piece of art base don one of the book fest books? It could be that animal from one of the books is your focus such as the eagel (Eagle Warrior) or the Malamander. You may want to focus on the scenery from a scene inspired by the book.</p>			
How do I think I have done?	How much effort have I put in? (Tick one)	I have tried my hardest	I have put some effort into my work	This is not my best work
Teacher comment				<p>Teacher signature:</p> <p>E.Williams</p>