Roseburn Primary School P5/6 Home Learning October 2022

Date Issued Monday 3rd October 2021
This home learning grid will last for 5 weeks and is due for completion by Friday 4th November 2022.
The focus for learning at home should be extra practise of learning from class and we have given some ideas for tasks below. Everyone should spend 20 to 30 mins a day **reading a wide variety of texts, learning spelling words** and **reinforcing maths facts**.
We acknowledge the importance of family time, and appreciate families need time outdoors, to enjoy the wider community and the environment.
Home learning will be shared on Teams.

Numeracy & Maths

In school…
We will be working on interpreting time in the 12 and 24 hour clock, as well as using calendars. We will then be moving onto multiplication and division.

At home…
You might want to try the multiplication games on the website 'daily 10'
Sumdog log into your account and complete time, multiplication and division challenges
KIRFS number bonds including decimals (see below)
Rigour Maths Calendars 1st – 3rd Levels

Follow timetables and calendars. Practise working out how long things take when you know the start and finish time.
Practice your times tables using this handy 'speed test' game!

Literacy

In school…

We will be recapping some of the skills we have learned this term when writing newspaper articles. After the holidays we will be moving onto imaginative writing, based on a 'rags to riches' story.

We will also continue to focus on:

Handwriting: Handwriting Joins

Grammar: adjective, adverb, clauses, reported speech, direct speech

Spelling: ph, gh, ch-k, silent b, silent c

Reading – Reading group novels & library books.

Listening & Talking

At home…

- Read for 20mins each day
- AR Quizzes can be completed in class
- Practice using the spelling grid.
- Practice writing a short newspaper article about a current news story, using direct and reported speech.

Health & Wellbeing

In school…
Building Resilience - Our focus is Unit 10: Be Kind to Others (next term)
Rights Respecting Schools - We will discuss and complete activities relating to Articles 2 and 40 (next term)
SHANARRI – Included
RSHP: A Fair and Equal Life for Boys and Girls
PE : Swimming (Thu) and Rugby (Wed)
(P6)JASS- 'Get Active/ Stay Active'

At home…

- (P6) Complete 8 hours of a sport or physical activity for 'Get Active' section of bronze JASS award
- Complete record of time spent on activities online
- Home Learning Task for Be Kind to Others
- Research into how life in other countries may not be equal for boys and girls and present in a way of your choosing.

Other Areas of the Curriculum

In school…
Our topics for this month are

- Social Sciences – Local Cycle Path Development
- Social Sciences – Rainforests
- German – Numbers, Alphabet
- French – Numbers, telling the time

News

- Remember Home Learning Jotter on Mondays
- Library books Thursday
- PE kits in school for Wednesday (outdoor shoes) and swimming on Thursdays.
- Parent Consultations: Thursday 6th and Friday 7th October

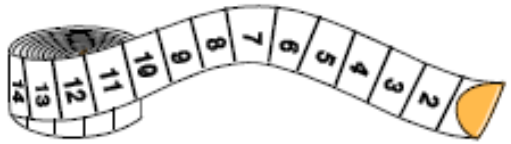
Key Instant Recall Facts

Year 3, 4, 5 and 6:
Autumn Term 1

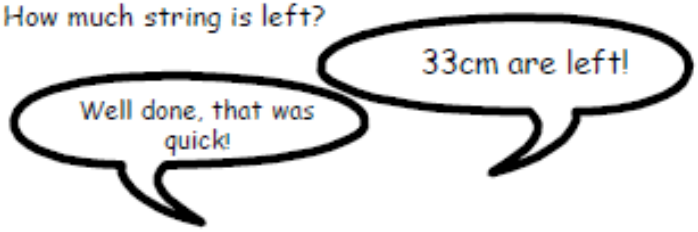
This half term your child is working towards achieving knowledge of KIRFs, indicated below.
The ultimate aim is for your child to be able to recall these facts instantly!

Know all number bonds for each number to 20	Know all number bonds to 100	Know all decimals that total 1 or 10 (1 decimal place)	Know all previous number bonds including decimals	Know the two place decimal complements of 1
Green	Blue	Purple	Lilac	

Example of number bonds to 100:



I have a metre of string. I use 67cm to wrap my parcel.
How much string is left?



All decimal bonds to 1:

0.1 + 0.9 = 1
0.2 + 0.8 = 1
0.3 + 0.7 = 1
0.4 + 0.6 = 1
0.5 + 0.5 = 1
0.6 + 0.4 = 1
0.7 + 0.3 = 1
0.8 + 0.2 = 1
0.9 + 0.1 = 1
1.0 + 0.0 = 1

Example of decimal bonds to 10:

6.2 + 3.8 = 10; 6.2 + 3.8 = 10
so
10 - 6.2 = 3.8; 10 - 3.8 = 6.2

4.9 + 5.1 = 10; 5.1 + 4.9 = 10
so
10 - 4.9 = 5.1; 10 - 5.1 = 4.9

Helpful hints for parents

Y3,4,5 & 6 Autumn 1

- *Create regular, short opportunities for rapid fire questions where an instant correct answer is required*
- *Use objects to consider the bonds in a practical way*
- *Look at the patterns with both objects and numbers e.g. as one number increases the other one decreases*
- *Practise with the numbers in order and chosen randomly - remember the aim is for the child to be able to respond immediately*

Key vocabulary

How many more to make? altogether, make, sum, total, how much more is…than…, …difference between

Make it real!

Jack has £1, he spends 30p. How much change does he get?

70p!
Are you sure?
Yes, the sum of 70p and 30p is 100p - that's £1

A bag of sugar contains 1 kg. If I use 340g how much will I have left?

660 grams!
How do you know?
The difference between 1000 grams and 660g is 340g.

A litre jug is filled with 0.25l of juice. How much more is needed to make a litre?

0.75 of a litre!
How did you work that out?
Because a quarter of a litre plus three quarters of a litre equals 1 whole litre.

Make it fun!

Call out!

Play number ping pong!
Start by saying 'ping', child replies with 'pong'.
Repeat and then convert to numbers i.e. say '0.3' and they reply '0.7' (decimal bonds to 1)

What's hidden?

There are 17 beans on this plate, I hide some under a beaker - how many have I hidden? (bonds for *each* number to 20)

Playing cards:

Remove picture cards and the 10s. Play snap treating each card as tenths. When you have a pair which total 1, shout snap and explain why e.g. 0.2 + 0.8 = 1

Dice:

Roll two die treat them as the first as the tens digit and the second as the ones - ask how many more to make 100.

Dominoes:

Pick a domino from a set facing down. Choose one side to represent the whole number and the other side to be the tenth. Ask how much more to make 10.
e.g. picture shows 5.2, so 4.8 more makes 10.

Timed Games:

How well are you doing? How many questions can you answer in 2 minutes. Can you beat your own record?

Remember - a great place to think about capacity is in the bath!

RIGOUR

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Numeracy for Learning, Life and Work

September CfE 1st Level Calendar

#abitofmathseveryday

1 6 8 9 + 3 5 = ___	**2** Calculate 36 ÷ 9	**3** What fraction of this shape is shaded? 	**4** What number is 60 less than 450?	**5** Today is National Cheese Pizza Day.  If this pizza is to be shared equally between 2 people, how many slices do they each get?	**6** How many 20p's are there in £4·80? 
7 Write these numbers in order from the smallest to the biggest; 777, 70, 707, 7	**8** Today is International Literacy Day. In the English alphabet, how many MORE consonants are there than vowels? 	**9** How many days are there in April? 	**10** Write the number 1001 in words 	**11** 8 5 7 - 4 8 9 = ___	**12** Today is National Computer Games Day. Scott plays his console for 10 minutes per day during the month of September. How many hours is this altogether? 
13 Write the time shown here in words 	**14** In the number 420 379 what does the 7 stand for?	**15** What is the value of the missing number represented by the shape below? 10 - ◆ = 4	**16** Today is National Play Doh Day. What 3D shape is this tin of Play Doh? 	**17** A loaf of bread is cut into 21 slices and it takes 2 slices to make a sandwich. How many full sandwiches can be made from one loaf? 	**18** Today is National Cheeseburger. How many burgers are needed to make a dozen double cheeseburgers? 
19 Today is National Talk like a Pirate Day. What is the most common letter in the sentence "Ahoy, Me Hearties!"? 	**20** 5 8 × 7 = ___	**21** If today is Tuesday, what day is it in 9 days time?	**22** What symbol should go in place of the star to make this calculation correct? 8 ★ 6 = 2	**23** Write the following in 24 hour time... 12:58 am	**24** 3 ⟌ 4 4 1
25 Today is National Comic Book Day. Superman first appeared in a comic in 1938. How many years ago was this? 	**26** Write the 26th of September 1967 as numbers only.	**27** Write the next two numbers this sequence. 12, 20, 28, 36, ...	**28** Today is National Ask a Stupid Question Day. How many days are there in Julember? 	**29** Which is bigger? 98 - 74 or 25 ÷ 5 Give a reason for your answer!	**30** Is this statement true or false? 0·8 > 0·08

RIGOUR
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Numeracy for Learning, Life and Work

September CfE 2nd Level Calendar

#abitofmathseveryday

1 Write the following as pounds... 6 pounds & 7 pence	2 Calculate $1 + 2 \times 3$	3 Calculate the perimeter of this shape. Each box measures 1 cm by 1 cm.	4 $4628 + 3907$	5 A painting bought for £605 is sold for £548. Calculate the loss.	6 Round 3456 to the nearest 100...
7 What is the size of the angle?	8 How many lines of symmetry does this shape have?	9 Simplify the fraction below... $\frac{16}{48}$	10 Change 504 seconds into minutes and seconds...	11 Write down the next TWO numbers in the sequence below 44, 34, 24, 14, ...	12 $857 - 489$
13 List ALL the factors of 24...	14 Solve the equation below... $x - 9 = 11$	15 What type of angle is shown?	16 Calculate the area of the triangle below...	17 Calculate 25% of 28	18 What are the co-ordinates of point A?
19 Calculate the size of the missing angle... ?° 34° 82°	20 I am facing north-east. What direction is on my left?	21 5378×6	22 The temperature was -9°C. It then ROSE by 4°C. What is the new temperature?	23 Change 58 millimetres into centimetres.	24 What fraction of the shape is shaded?
25 Calculate $\frac{1}{6}$ of 54	26 Calculate the volume of the shape shown...	27 $4 \overline{)7936}$	28 What is the name of this shape? How many sides does it have? How many vertices?	29 Using the vocabulary of probability describe the outcome of the following event... Roll a dice and it will land on a 9.	30 Calculate; 234×70

ph		
graph	alphabet	claustrophobia
phrase	elephant	arachnophobia
dolphin	autograph	agoraphobia
phew	paragraph	xenophobia
phase	phantom	metaphorically
photo	phoney	amphibious
trophy	photocopy	amphitheatre
nephew	photograph	hemisphere
orphan	physical	metamorphosis
sphere	physicist	hieroglyphics
phone	xylophone	triumphant
phonics	telephone	photosynthesis

gh		
bought	ghetto	ghastliness
brought	thorough	afterthought
caught	gherkin	airfreight
fought	thought	alighted
plough	through	righteously
cough	daughter	candlelight
laugh	naughty	counterweight
rough	ghoulish	delightful
tough	breakthrough	neighbourly
enough	almighty	enlightenment
though	blighted	farsightedness
ghost	daylight	ghostwriter

ch -k sound		
echo	psychic	chloroform
ache	anchor	chromosomes
chaos	character	chrysalis
choir	chlorine	orchestra
chord	mechanic	chandelier
chorus	Christmas	chauffeur
chronic	technology	chivalrous
chrome	chemistry	Christianity
school	chemical	technique
chemist	architect	choreography
lichen	chronicle	chrysanthemum
scheme	stomach	chronological

Silent b and c		
bomb	plumber	subtle
lamb	doubt	climber
numb	climb	succumb
thumb	bomber	catacomb
debt	crumb	miscellaneous
comb	scissors	resuscitate
tomb	fascinate	discipline
limb	crescent	fluorescent
scene	disciple	
scent		
ascend		
muscle		