



Date issued: **Monday 9th January 2023**

This home learning grid will last for 4 weeks and is due for completion by **Friday 3rd February 2023**.

The focus at home should be on encouraging **reading a wide variety of texts, learning a Scots poem, spelling words, reinforcing maths facts and completing JASS Silver Award**. We have shared the focus at school so that children who want to investigate this further at home can.

We acknowledge the importance of family time, and appreciate families need time outdoors, to enjoy the wider community and the environment as restrictions are lifted. Home learning will be shared on Teams.

Numeracy & Maths



In school...

We will be working on fractions in Numeracy and shape in Maths.

At home...

Sumdog log into your account and complete 'Fractions Challenge'.

KIRFs: Learn the [Key Instant Recall Facts](#) for *doubles and halves of 2-digit numbers, including decimals*. The challenge KIRFs are to be able to recite the prime numbers.

Daily practise of all times tables for speed and accuracy – this will support your numeracy work this term.

Rigour Maths Calendars 1st – 3rd Levels for January can be found in the appropriate Teams folder and on Class Notebook in the Home Learning content section.

Literacy



You are expected to learn a Scots poem. There are many suggestions saved on Teams. Everyone will recite their poem in class during Scots Week. We shall then vote for someone to represent us in assembly on 20/1.

We will also continue to focus on:

Handwriting

Grammar/ Punctuation – commas

Spelling – [suffixes and word endings](#)

Reading – specifically using inference

Listening & Talking

At home...

- **Learn Scots Poem and be prepared to perform**
- Read for 20mins each day and complete online reading diary
- Practise spelling words, play games and use them in writing

Health & Wellbeing



In school...

Building Resilience: Unit 11: [Have a Goal](#)

Rights Respecting Schools - we will discuss and complete activities relating to Articles 11 and 35

SHANARRI: Achieving Andy

RSHP: [Menstruation](#)

PE : Social Dance

JASS: 'My Interests'

At home...

- Start 12 hours for the 'My Interests' section of silver award, if not already begun.
- 'Get Active' and 'Adventure' should also be completed now.
- Home learning task for 'Have a Goal'

Other Areas of the Curriculum



In school...

Scots' Week 16-20th January
Social Studies - Natural Disasters
Science - Chemical Changes
RME – Islam

Dates for your Diary

- 10th Jan – Industrial action day
- 12th Jan – Swimming gala trials
- 18th Jan – Art of Listening trip
- 25th Jan – Proposed industrial action day
- 26th and 27th Jan – Parent consultations
- 30th Jan – Cross country competition @ Saughton Park
- 2nd Feb – Outdoor learning session
 - Last Thursday with Miss Dickson
- 3rd Feb – Home learning due
 - House meeting
 - Coffee and Cake with Mrs B



Key Instant Recall Facts

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 multiplication and division facts for 2x and 4x table	Know all 2-digit pairs that total 100	Know the doubles and halves of all two-digit numbers	Know doubles and halves of 2-digit decimals	Know the prime numbers within 50
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If there are 4 wheels on a skateboard, how many wheels will there be on 4 skateboards?



Sixteen wheels!

Well done, that was quick!

Double

$$34 \rightarrow 68$$

$$35 \rightarrow 70$$

$$36 \rightarrow 72$$

Halves

$$84 \rightarrow 42$$

$$85 \rightarrow 42 \frac{1}{2} \text{ or } 42.5$$

$$86 \rightarrow 43$$

What is $\frac{1}{2}$ of 0.38?



$$\frac{1}{2} \text{ of } 0.3 = 0.15$$



$$\frac{1}{2} \text{ of } 0.08 = 0.04$$

So $\frac{1}{2}$ of 0.38 must be 0.19!



Helpful hints for parents

- Create regular opportunities for rapid fire questions where an instant correct answer is required
- Encourage children to use what they already know, for example the 6x table is double the 3x table!
- When children are confident with doubles ask them to find the corresponding halves
- Practise halving at least as often as doubling. This will help children with subtraction at a later date

Key vocabulary

multiply	product	times by	lots of	share	group	divide	double	near double
twice	2 lots of	2 times	half	halved	divided by 2	shared between 2	group in pairs	

Make it real!

A piece of ribbon measuring 63 cm is cut from a piece which is a metre long. How much ribbon is left?



37cm!

Can you tell me why?

I know 63 and 37 make 100 - there are 100cm in a metre

Two tickets cost £67, how much would one ticket cost?



£33.50

How do you know?

I know because half of 60 is 30 and half of 7 is 3.5

The swimming pool is 3.7km away. How far will we travel there and back?



7.4km

Can you explain?

Well, double 3 is 6 and double 0.7 is 1.4 which makes 7.4 altogether

If children are finding decimals tricky relating questions to money makes it much easier to understand.

Make it fun!

Call out!

Play number ping pong!

Start of saying 'ping', child replies with 'pong'.

Repeat and then convert to numbers i.e. say '3.9' and they reply '7.8' (double 2 digit decimal) Or say, '7.8' and they say '3.9'

Money:

Show children a set of coins, children work out the value of the coins and say how much more is needed to make a pound.

Playing cards:

Remove picture cards from the pack. Pick a card, state the multiplication and division fact that the child is working on.

e.g. Pick the '8' card

so $4 \times 8 = 32$ and 32 divided by 4 is 8



Dominoes:

Pick a domino



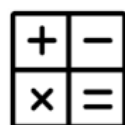
This domino could represent 0.52 or 5.2 or 52. Use any of these numbers to double or halve

Songs and rhymes

As well as commercial CDs children enjoy inventing their own clapping games and chants linked to the times tables

Timed Games:

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



Have a go at each of the questions for January.

Can you draw your working out?

Can you show it using a written method?

Can you talk to someone about how you worked out your answers?

1 What is the product of $\frac{2}{8}$ and 4? Can you draw your working out?	2 Write these decimals in words and as fractions: 0.08 0.9 0.58 0.6	3 What is the sum of $\frac{3}{5}$ and $\frac{3}{8}$? How do you know?
4 Write 4 equivalent fractions to $\frac{5}{9}$.	5 Put these fractions on a 0-1 number line: $\frac{1}{10}$ $\frac{2}{5}$ $\frac{1}{8}$ $\frac{4}{5}$ $\frac{1}{100}$	6 What is the total of 3508, 6308, 1005 and 903? Estimate and then calculate.
7 What is 359×13 ? 359×14 ? 359×15 ? How did you work them out?	8 Write 5 pairs of numbers with a difference of 35.	9 Draw the net of a cube. Describe its properties using mathematical vocabulary.
10 $651 \times 5 = 3255$. Describe how this helps you work out 651×7 .	11 What is the difference between 16849 and 13568?	12 What is 15% of these numbers: 600 350 51 85 92 30
13 Can two rectangles have the same area but different perimeters?	14 Order these numbers: 0.015, 0.051, 0.51, 0.15. Explain how you did it.	15 If $3p \times 3 = 135$, what is the value of p? What is the value of 4p?
16 Divide these numbers by 13: 3198, 884, 741, 3731.	17 What time is 19:53 in words? Can you draw it on a clock face?	18 How many grams are the same as 6.03kg? How do you know?
19 What's bigger 10%, $\frac{1}{5}$ or 0.15? How do you know?	20 What are the multiples of 36? Can you list them all?	21 Simplify these fractions: $\frac{16}{42}$ $\frac{15}{60}$ $\frac{6}{24}$
22 What are the properties of quadrilaterals? Can you draw 3 examples?	23 If I left home at 4:37 and spent 135 minutes on a walk, what time did I get home?	24 Find the product of these pairs: 417 and 17 194 and 94 143 and 43
25 Two oranges and a lemon cost 50p. Three oranges and a lemon cost 67p. How much do the lemon and orange cost?	26 How do you find 35% of a number? Can you show me the method?	27 What is the area of a triangle which has a base of 5cm and a height of 7cm?
28 What is the odd number out and why: 55, 33, 11, 44?	29 Jake chose a number. He added 35. Then divided by 4. Then added 12. His answer was got 25. What was his number?	30 What is the volume of a cuboid which measures 3cm by 7 cm by 8cm? How do you know?
31 TRICKY QUESTION: How many minutes have you attended school this year?		

**9th January – Words ending in -ex**

flex	annex	non-complex
apex	vortex	retroflex
ibex	complex	biconvex
index	perplex	googolplex
latex	vertex	
unisex	spandex	
reflex	Kleenex	
convex	Perspex	

16th January – Words ending in -our

your	labour	harbour
four	colour	fervour
hour	favour	flavour
tour	honour	contour
pour	armour	saviour
sour	humour	parlour
dour	vigour	enamour
flour	detour	behaviour
odour	devour	endeavour
scour	glamour	demeanour

23rd January – Words ending in -ness

blindness	alertness	bloodthirstiness
darkness	carelessness	dizziness
fairness	childishness	emptiness
gladness	foolishness	happiness
illness	numbness	heaviness
kindness	politeness	laziness
lateness	seriousness	loneliness
sadness	suddenness	naughtiness
selfishness	wickedness	silliness
sickness	willingness	tidiness

30th January – Words ending in -less

endless	aimless	regardless
helpless	painless	relentless
tactless	seedless	clueless
thankless	pointless	thoughtless
ageless	blameless	breathless
useless	tasteless	remorseless
careless	shameless	compassionless
homeless	speechless	expressionless
hopeless	fearless	colourless
lifeless	powerless	flavourless



Parent & Carer Guide



HAVE A GOAL

***“Anyone who has never made a mistake,
has never tried something new.”***

(Albert Einstein)

Promoting Emotional Health & Well-being

Have a Goal

In this unit, we will be looking at the importance of setting and pursuing meaningful goals. When we make progress on things that are important to us to achieve we are more satisfied with our lives and report higher levels of wellbeing.

While no-one starts a goal expecting to fail, we will undoubtedly hit setbacks along the way. Resilient people understand that working at something takes energy, motivation and effort. They view failure as feedback, recognise it can happen to anyone, reflect on what went wrong and try new ways to tackle the problem. Research suggests that children who experience adversity and develop problem solving and coping strategies while they are young, are more likely to be able to have good ways of dealing with setbacks as an adult.



SC

In this unit, Skipper sets himself the goal of writing a book. When he asks for feedback on his writing he is disappointed and wants to give up. The children learn that failure provides us with an opportunity to reflect and try a new way. Everybody fails

In this unit, we will be learning that:

- Setting a realistic goal helps to motivate us
- Sometimes we fail or make mistakes and that's okay
- It is important to celebrate achievement

Talk it Over:

Talk to your child about a goal you set yourself and how you dealt with setbacks and failures along the way.

Family Task:

Set a goal together to be completed within three weeks. Think about what you can use to help you and agree how you will celebrate once you've achieved it.

Key Book: 'Rosie Revere Engineer' by Andrea Beaty



Happier January 2023

SUNDAY

1 Find three things to look forward to this year

8 Say positive things to the people you meet today

15 Get outside and notice five things that are beautiful

22 Plan something fun and invite others to join you

29 Say hello to a neighbour and get to know them better

MONDAY

2 Make time today to do something kind for yourself

9 Get moving. Do something active (ideally outdoors)

16 Contribute positively to your local community

23 Put away digital devices and focus on being in the moment

30 See how many people you can smile at today

TUESDAY

3 Do a kind act for someone else to help brighten their day

10 Thank someone you're grateful to and tell them why

17 Be gentle with yourself when you make mistakes

24 Take a small step towards an important goal

31 Write down your hopes or plans for the future

WEDNESDAY

4 Write a list of things you feel grateful for and why

11 Switch off all your tech at least an hour before bedtime

18 Get back in contact with an old friend

25 Decide to lift people up rather than put them down



THURSDAY

5 Look for the good in others and notice their strengths

12 Connect with someone near you - share a smile or chat

19 Focus on what's good, even if today feels tough

26 Choose one of your strengths and find a way to use it today



FRIDAY

6 Take five minutes to sit still and just breathe

13 Take a different route today and see what you notice

20 Go to bed in good time and allow yourself to recharge

27 Challenge your negative thoughts and look for the upside



SATURDAY

7 Learn something new and share it with others

14 Eat healthy food which really nourishes you today

21 Try out something new to get out of your comfort zone

28 Ask other people about things they've enjoyed recently



ACTION FOR HAPPINESS

Happier · Kinder · Together