Date Issued: **Monday 6th February 2023**
This home learning grid will last for 4 weeks (including half term) and is due for completion by **Friday 3rd March 2023**.

The focus at home should be on encouraging **reading a wide variety of texts, 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.

Numeracy & Maths

In school…
We will be continuing to work on fractions, decimals and percentages in Numeracy and will move onto angles/symmetry in Maths.

At home…
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 February can be found in the appropriate Teams folder and on Class Notebook in the Home Learning content section.

Literacy

In school…

We will be looking at information texts.

We will also continue to focus on:
Handwriting
Grammar/ Punctuation – colons and dashes
Spelling – suffixes and word endings
Reading – specifically using inference
Listening & Talking

At home…
- Read for 20mins each day
- AR Quizzes in class or by 4.30pm
- 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 Article 17.

SHANARRI: Achieving Andy

RSHP: Menstruation

PE : Central net games

JASS: 'My Interests'

At home…
- 12 hours for the 'My Interests' section of silver award, if not already begun.
- Home learning task for 'Have a Goal'

Other Areas of the Curriculum

Design a House Shield
All children have been invited to design a house shield for their respective house. This can take any form/media you would like (e.g. paper/ cardboard/ Sketchbook app). The deadline for entries is Friday 24th February. Remember to include your house mascot and house colours within the design.

Dates for your Diary
- 6th Feb – Judo taster
- 7th Feb – Safer internet day
- 9th Feb – Mrs Barker teaching Thursdays
- 10th Feb – Break for half term
- 20th Feb – Return to school
- 21st Feb – Risk Factory trip
- 27th Feb – Book Fair delivered
- 28th Feb/1st Mar – Planned industrial action days
- 2nd Mar – STEM event with Edinburgh College
- 3rd March – World Book Day

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

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 → 68

35 → 70

36 → 72

Halves

84 → 42

85 → 42 ½ or 42.5

86 → 43

What is 1/2 of 0.38?

·38

·3   1/2 of 0.3 =0.15

·08   1/2 of 0.08 = 0.04

So 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 require
- 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

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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 x 8 = 32 and 32 divided by4 is 8
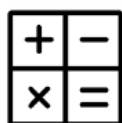
Dominoes:
Pick a domino
This domino could represent 0.52 or 5.2 or 52. Use any of these numbers to double or halve

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 February.
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 Order these numbers: 0.215, 0.251, 0.125, 0.1. Explain how you did it.	2 Find the product of these pairs: 354 and 19 605 and 34 1508 and 9	3 What is the total of 65804, 6504, 6045 and 685? Estimate and then calculate.	4 Write 4 fractions which would simplify to 3/7. Explain what simplifying means.	5 What time is 05:41 in words? Can you draw it on a clock face?	6 Find different 3D shapes and describe their properties.	7 Write 5 pairs of numbers with a difference of 11 (include negative numbers).
8 Can you partition the number 1538 5 different ways?	9 What is 35% of these numbers: 400 65 350 72 680 18	10 Can you draw 3 different rectangles with a perimeter of 18cm?	11 Use long division to find $2590 \div 14$.	12 What is 2/3 of each of these numbers: 690 510 186 366	13 Divide these numbers by 10, 100 and 1000. 568 369 701 307	14 I got on the bus at 3:47pm. My journey takes 190 minutes. What time do I get off?
15 What do these numbers have in common? 65, 95, 35, 15.	16 Pencils costs 6p. Pens cost triple that. How much would 4 pencils and 6 pens cost?	17 What are the multiples of 60? Can you list them all?	18 Draw 3 different triangles with an area of 24cm².	19 Write facts you know about the different types of triangle. Can you draw them?	20 What is today's date in Roman Numerals? What about tomorrow?	21 $985 \times 6 = 5910$. Describe how this helps you work out 985×9.
22 What is the total of 3/4, 1/5 and 1/2? Can you draw it and explain your method?	23 How do you find 65% of a number? Can you show me two different methods?	24 What is the volume of a cube whose sides measure 6cm? How do you know?	25 Jake chose a number. He doubled it and then added 8. He divided by 5 and got 6. What was his number?	26 How many different ways can you make £1.03? Are there more than 8 ways?	27 Multiply each of these fractions by 6: 1/3 2/7 3/5 1/7	28 **TRICKY QUESTION:** 960 marbles are put into 15 bags. Jake says, "In 5 bags there are 300 marbles." Is this true or false? How do you know?

-ally	w/c 06/02	
fatally	actually	accidentally
finally	annually	exceptionally
mentally	automatically	mechanically
musically	critically	occasionally
naturally	magically	physically
brutally	medically	traditionally
equally	practically	originally
logically	normally	personally

-ily	w/c 20/02	
daily	readily	primarily
lazily	gloomily	unhappily
busily	dreamily	unluckily
family	grumpily	ordinarily
easily	sleepily	necessarily
bodily	uneasily	momentarily
warily	clumsily	voluntarily
tidily	feistily	temporarily
moodily	craftily	satisfactorily
noisily	guiltily	complimentarily
luckily	heartily	bloodthirstily
heavily	daintily	extraordinarily

-ful	w/c 27/02	
helpful	truthful	beautiful
careful	wonderful	delightful
handful	doubtful	pitiful
harmful	bashful	plentiful
hateful	frightful	resentful
hopeful	eventful	respectful
painful	boastful	sorrowful
playful	spiteful	successful
useful	faithful	thoughtful
forgetful	powerful	disdainful
thankful	grateful	uneventful

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 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.

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

Friendly February 2023

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
		1 Send a message to let someone know you're thinking of them	**2** Ask a friend how they have been feeling recently	**3** Do an act of kindness to make life easier for someone	**4** Invite a friend over for a 'tea break' (in person or virtual)	**5** Make time to have a friendly chat with a neighbour
6 Get back in touch with an old friend you've not seen for a while	**7** Show an active interest by asking questions when talking to others	**8** Share what you're feeling with someone you really trust	**9** Thank someone and tell them how they made a difference for you	**10** Look for good in others, particularly when you feel frustrated with them	**11** Send an encouraging note to someone who needs a boost	**12** Focus on being kind rather than being right
13 Smile at the people you see and brighten their day	**14** Tell a loved one or friend why they are special to you	**15** Support a local business with a positive online review or friendly message	**16** Check in on someone who may be struggling and offer to help	**17** Appreciate the good qualities of someone in your life	**18** Respond kindly to everyone you talk to today, including yourself	**19** Share something you find inspiring, helpful or amusing
20 Make a plan to connect with others and do something fun	**21** Really listen to what people say, without judging them	**22** Give sincere compliments to people you talk to today	**23** Be gentle with someone who you feel inclined to criticise	**24** Tell a loved one about the strengths that you see in them	**25** Thank three people you feel grateful to and tell them why	**26** Make uninterrupted time for your loved ones
27 Call a friend to catch up and really listen to them	**28** Give positive comments to as many people as possible today					

ACTION FOR HAPPINESS   **Happier · Kinder · Together**