



Date Issued: **Monday 6th March 2023**

This home learning grid will last for 2 weeks and is due for completion by **Friday 31st March 2023**.

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

Numeracy & Maths



In school...

Numeracy – Fractions, decimals and percentages – calculations and conversions.

Maths – Angle, transformation and symmetry.

KIRFs:

Learn the 'Key Instant Recall Facts' for doubles and halves of all multiples of 10, up to 1000.

Continue to practise all tables for speed and accuracy

Rigour Maths Calendars 1st – 3rd

Levels for March can be found on Teams.

Literacy

In school...



We will continue to explore different information texts and will complete a personal piece for the yearbook.

We will also continue to focus on:

Handwriting

Grammar/ Punctuation

Spelling

Reading - Novels/ Library books

Listening & Talking

At home...

- Read for 20mins each day
- AR quizzes in class or by 4.30pm
- Practise [spelling words](#) – see the grid saved in the Teams folder for some suggestions

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: Contraception

PE : Central net games – volleyball

Please ensure that you bring your PE kit to school every Monday and Wednesday. This means a change of top and bottom half, plus suitable footwear for being in the gym hall.

JASS: 'My Interests'

At home...

- 12 hours for the 'My Interests' section of silver award, if not already begun.

International Women's Day Wednesday 8th March

Create a picture, poster, PowerPoint/Keynote, or any other creative method, about an inspirational or influential woman that you know (i.e. a family member/friend/member of staff) or have learnt about. See Teams post for further details.

News/Dates

- 7 & 14 March – Minecraft workshops
- 14 March – Tackle Maths @ Edinburgh DAM Stadium
- 21 March – Wear odd socks for Down syndrome awareness
- 24 March – House meeting
- 27 March – Easter workshop
- 29 March – Swimming gala
- 31 March – Final day of term

After the Easter break, we shall be taking part in a weekly 'Joy of Moving' workshop run by the Hearts Foundation. Transition Tuesday activities will also begin.

In preparation for high school, you could apply for your Saltire card, if you have not already done so.
[Saltire Card - Free Bus travel](#)



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 doubles and halves of: All whole numbers to 20 All multiples of 10 to 500 All multiples of 100 to 5000	Know doubles and halves of: All whole numbers to 50 All multiples of 5 to 1000 All multiples of 50 to 5000	Know doubles and halves of: All whole numbers to 100 All multiples of 10 to 1000 All multiples of 100 to 10,000	Know the doubles and halves of all multiples of 10 to 10000	Know the doubles and halves of all multiples of 1000 to 100000
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If there are 18 pencils in a pack, how many pencils will there be in 2 packs?



36 pencils!

Well done, that was quick!

Example of doubles and halves of multiples of 5 to 1000:

Doubles:

25 → 50, so

250 → 500

37 → 74, so

370 → 740

Halves:

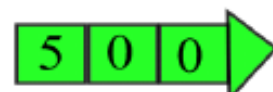
70 → 35, so

700 → 350

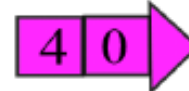
43 → 21.5, so

430 → 215

What is half of 545?



$\frac{1}{2}$ of 500 = 250



$\frac{1}{2}$ of 40 = 20



$\frac{1}{2}$ of 5 = $2\frac{1}{2}$

So half of 545 must be $272\frac{1}{2}$ or 272.5



Helpful hints for parents

- 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
- Children will often find numbers such as 35 harder to halve, so practise halving these numbers more often, encourage your child to give the answer using a fraction ($17\frac{1}{2}$) and/or a decimal (17.5)

Spring 2

Key vocabulary

Double near double twice 2 lots of 2 times half halved divided by 2 shared between 2
group in pairs

Make it real!

In a sponsored swim, Paul swam 75 lengths of the pool, his sister swam twice as far. How many lengths did she swim?



150 lengths
Can you tell me why?
Because double 75 is 150.

If two children have £27 to share equally between them, how much do they have each?

£13.50 each!
How do you know?
Because half of £20 is £10 and half of £7 is £3.50 which is £13.50 altogether!



Jenny walks 1250 metres to school each day, she meets Kate half way; how far does Kate walk?



625 metres!
Tell me how you worked it out.
Well, I know that half of 1200 metres is 600 metres
and half of 50 metres is 25 metres.

Encourage children to partition the numbers when doubling and halving 2- or 3-digit numbers e.g.
 $\frac{1}{2}$ of 240 is $\frac{1}{2}$ of 200 and then $\frac{1}{2}$ of 40

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 '12' and they reply '24' (doubles to 20) Or say, '36' and they say '18'



Playing cards:

Pick 3 cards, the first one to represent the thousands, the second one to represent the hundreds and the third one to represent the tens, so that your number is always a multiple of 10. How quickly can you double AND halve this number?
E.g. Cards show 8150



Playing darts

Use a magnetic dartboard. Create a game involving doubling and halving. To extend, change the numbers to multiples of 10 e.g. 13 becomes 130

Top Trump Cards:

Pick a Top Trump card. Choose any category and see how quickly you can halve AND double this number.



Challenge:

Choose any even 4 digit number, halve it:
if the answer is even halve again, if it's odd add 1 then halve again. How far can you go?

Timed Games:

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



-fully	w/c 06/03	
usefully	forgetfully	unmercifully
carefully	thankfully	beautifully
skilfully	hopefully	respectfully
gratefully	powerfully	spitefully
truthfully	rightfully	successfully
cheerfully	wonderfully	thoughtfully
painfully	insightfully	delightfully
playfully	faithfully	unsuccessfully
helpfully	mournfully	disdainfully
awfully	neglectfully	disrespectfully
hopefully	gracefully	purposefully
tactfully	blissfully	resourcefully
-hood	w/c 20/03	
hood	brotherhood	neighbourhood
manhood	childhood	livelihood
selfhood	fatherhood	likelihood
boyhood	motherhood	unlikelihood
girlhood	falsehood	knighthood
kinghood	sainthood	

-ment	w/c 13/03	
document	employment	arrangement
movement	government	encouragement
enjoyment	environment	excitement
statement	advertisement	parliament
management	establishment	equipment
replacement	amusement	commitment
settlement	improvement	requirement
	entertainment	appointment
-ship	w/c 27/03	
warship	friendship	apprenticeship
gunship	censorship	dictatorship
worship	fellowship	associateship
headship	membership	guardianship
flagship	ownership	relationship
township	partnership	companionship
hardship	courtship	gamesmanship
lordship	dealership	scholarship
leadership	sponsorship	championship
spaceship	internship	craftsmanship
airship	mentorship	premiership



1 Write 3 pairs of fractions which total $\frac{1}{3}$.	2 What is the sum of 3.01, 4.8, 5.06 and 12.3?	3 What is the difference between 15.06 and 3.9?	4 Write 5 pairs of numbers with a difference of 10.2	5 Can two 3D shapes have the same volume? Draw them!	6 Can you draw and name the different kinds of triangle?	7 How do you find 80% of a number? Can you think of two methods?
8 What do the following numbers have in common: 16, 25, 81, 169?	9 Can you name and draw different kinds of angles?	10 Round these to the nearest whole number: 9.15 4.89 10.5 13.84	11 What's bigger $\frac{2}{10}$, $\frac{1}{5}$ or $\frac{4}{15}$? How do you know?	12 What is the product of $\frac{3}{5}$ and 5? Can you draw your working out?	13 Divide these numbers by 19: 665 1596 6669	14 $376 \times 4 = 1504$. Describe how this helps you work out 376×8 .
15 Write these decimals in words and as fractions: 0.6 0.25 0.75 0.05 0.1 0.125	16 What is 25% of these numbers: 400 68 24 120 6 3.2	17 How do you find the area of a triangle? Can you draw 3 triangles with areas of 24cm^2 ?	18 If I left home at 3:15pm and walked for 95 mins, what time (in 24 hours) did I get home?	19 Write different values to make this true. Think of at least 3! $b + c = 6.5$	20 Draw the net of a cuboid. Describe its properties using mathematical vocabulary.	21 Explain how to convert between 12 and 24-hour time. Can you draw a diagram to help?
22 What is the odd number out and why: 12, 48, 60, 6?	23 What is 125×5 ? What about 125×10 ? 125×20 ? How did you work them out?	24 What are the multiples of 60? Can you list them all?	25 Write 4 equivalent fractions to $\frac{2}{9}$.	26 What are the properties of quadrilaterals? Can you draw 3 examples?	27 Partition the following numbers in 3 different ways: 156.5 68.7 39.1 53.9	28 Find the product of these pairs: 168 and 19 235 and 24 198 and 12
29 Five children have £2.50 each. They each have a different amount of coins. What coins could each child have?	30 What is the sum of $\frac{1}{9}$ and $\frac{3}{7}$? How do you know?	31 TRICKY QUESTION: How many minutes do you spend in school on average every year?	Have a go at each of the questions for March. 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?			



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.



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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



Mindful March 2023

MONDAY



6 If you find yourself rushing, make an effort to slow down

13 Pause to watch the sky or clouds for a few minutes today

20 Focus on what makes you and others happy today
dayofhappiness.net

27 Appreciate nature around you, wherever you are

TUESDAY



7 Take three calm breaths at regular intervals during your day

14 Find ways to enjoy any chores or tasks that you do

21 Listen to a piece of music without doing anything else

28 Notice when you're tired and take a break as soon as possible

WEDNESDAY

1 Set an intention to live with awareness and kindness

8 Eat mindfully. Appreciate the taste, texture and smell of your food

15 Stop. Breathe. Notice. Repeat regularly

22 Notice something that is going well, even if today feels difficult

29 Choose a different route today and see what you notice

THURSDAY

2 Notice three things you find beautiful in the outside world

9 Take a full breath in and out before you reply to others

16 Get really absorbed with an interesting or creative activity

23 Tune into your feelings, without judging or trying to change them

30 Mentally scan your body and notice what it is feeling

FRIDAY

3 Start today by appreciating your body and that you're alive

10 Get outside and notice how the weather feels on your face

17 Look around and spot three things you find unusual or pleasant

24 Appreciate your hands and all the things they enable you to do

31 Discover the joy in the simple things of life

SATURDAY

4 Notice how you speak to yourself and choose to use kind words

11 Stay fully present while drinking your cup of tea or coffee

18 Have a 'no plans' day and notice how that feels

25 Focus your attention on the good things you take for granted

SUNDAY

5 Bring to mind people you care about and send love to them

12 Listen deeply to someone and really hear what they are saying

19 Cultivate a feeling of loving-kindness towards others today

26 Choose to spend less time looking at screens today



ACTION FOR HAPPINESS

Happier · Kinder · Together

