



Date Issued Monday 3rd October 2021

This home learning grid will last for 5 weeks and is due for completion by Friday 4<sup>th</sup> 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

**KIRFS** number bonds to 100

#### Maths Calendars

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.

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.

### 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

#### At home...

- Home Learning Task for Be Kind to Others (To be shared after launch assembly).

### Other Areas of the Curriculum



#### In school...

Our topics for this month are

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

#### News

- Remember Home Learning Jotter on Mondays and Fridays
- Library books Thursday
- PE kits in school for Tuesday & Wednesday



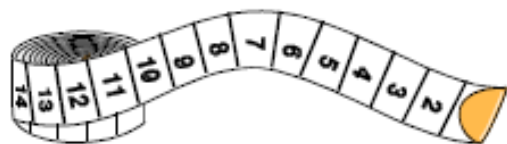
# Key Instant Recall Facts

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



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

Well done, that was quick!

33cm are 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 &amp; 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



October CfE 2<sup>nd</sup> Level Calendar

#abitofmathseveryday



1 
$$\begin{array}{r} 87 \cdot 65 \\ - 42 \cdot 34 \\ \hline \end{array}$$

2 Calculate 10% of £6

3 Round 2948 to the nearest 100...

4 Write the following as kilograms...  
2 kilograms 50 grams

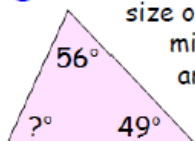


5 Write 30 704 in words

6 Calculate  $12 - 4 \div 2$

7 Which of these are multiples of 7?  
18, 36, 49, 54, 63

8 Calculate the size of the missing angle...

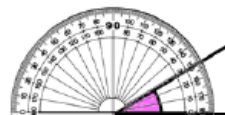


9 
$$\begin{array}{r} 777 \\ + 666 \\ \hline \end{array}$$

10 I am facing south-east. What direction is behind me?



11 What is the size of the angle?



12 How many lines of symmetry does this sign have?



13 Simplify the fraction below...

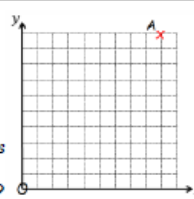
$$\frac{49}{56}$$

14 Calculate  $\frac{1}{7}$  of 63

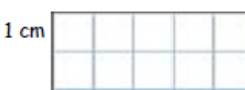
15 Using the vocabulary of probability describe the outcome of the following event...  
Roll a dice and it will land on an odd number.



16 What are the co-ordinates of point A?



17 Calculate the area of the rectangle below...

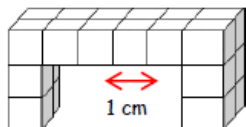


18 What is the name of this shape? How many sides does it have? How many vertices?



19 
$$\begin{array}{r} 0.98 \\ \times 3 \\ \hline \end{array}$$

20 Calculate the volume of the shape shown...



21 Solve the equation below...  
 $8x = 48$

22 
$$\begin{array}{r} 8 \overline{) 2384} \end{array}$$

23 Change 496 seconds into minutes and seconds...



24 List ALL the factors of 16...

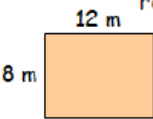
25 State the type of angle and its range...



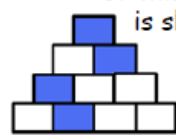
26 The temperature was 2°C. It then FELL by 7°C. What is the new temperature?



27 Calculate the perimeter of this rectangle...



28 What fraction of this shape is shaded?



29 Calculate;  
 $308 \times 90$

30 Write down the next two numbers in the sequence below  
0, 1, 1, 2, 3, 5, ...

31 A witch flies for 4 miles to the Scary Shop and then another 7 miles to the Crazy Café. By the time she gets home how far has she flown?





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



<i>Silent b</i>		
<i>bomb</i>	<i>plumber</i>	<i>subtle</i>
<i>lamb</i>	<i>doubt</i>	<i>climber</i>
<i>numb</i>	<i>climb</i>	<i>succumb</i>
<i>thumb</i>	<i>bomber</i>	<i>catacomb</i>
<i>debt</i>	<i>crumb</i>	
<i>comb</i>		
<i>tomb</i>		
<i>limb</i>		

<i>Silent c</i>		
<i>scene</i>	<i>scissors</i>	<i>miscellaneous</i>
<i>scent</i>	<i>fascinate</i>	<i>resuscitate</i>
<i>ascend</i>	<i>crescent</i>	<i>discipline</i>
<i>muscle</i>	<i>disciple</i>	<i>fluorescent</i>

