## Hello and welcome...

Maths should be enjoyable and useful for all. At Goosewell, we love to have fun with our Maths learning!

For children and adults to function well in our ever increasingly complex world, we all need to be numerate and therefore mathematical knowledge and skills are crucially important. Maths is one of those life-skills we need and use every day; whether it's working out how many coins are need to pay for an item, or choosing the best mobile phone contract - mastering number skills is essential. That's why we've put together this booklet. This is a guide to supporting your child with 'Maths Moments at Home'.

This guide explains how your child will develop their understanding of the four Maths operations (addition, subtraction, multiplication and division) through their Primary Education. For each stage there is an overview of the key Maths concepts for that age and really helpful tips on how you can support your child to succeed in Maths.

Available for each calculation, at each educational stage, is a video clip showing children completing the task to illustrate the learning involved. These videos can be found on YouTube using the QR codes in this booklet (which can be scanned using your mobile phone) or through the website link below. The link to the videos is also on our Goosewell Primary School website Maths pages.

This is a fabulous resource to help you as parents and carers. So, please take a look inside to find out how you can help your child discover Mathematics and develop their confidence.

Goosewell's top tips for parents and families:
Be positive about maths.
Don't say things like "I can't do maths" or "I hated maths at school"; your child might start to think like that themselves.

Point out the maths in everyday life.
Include your child in activities involving maths such as using money, cooking and travelling.


Praise your child their for effort as well as talent
Foundation Stage - Count all or count on. Begin by supporting your child to count all the objects in 2 groups.
When they are confident, show them how to count on from the first group of objects rather than recounting.


Year 1 - Count on. Continue to develop the skill of counting on. Introduce counting on from numbers rather than just objects. Continue to use objects to support. Record number sentences to show the addition
$9+b=15$
$13=8+5$ 7:
 the addition:


Mentally knowing

Maths Moments At Home

ADDITION $n=$
-

$\qquad$
Year 3 - To add 3 digit numbers. Your child will develop the use of the formal column method to include regrouping to carry. For example when they add $b$ and 7 they will regroup 13 ones for 1 ten and 3 ones. ( $O_{\text {nes }}$ can also be called units)
Your child will continue to use
Dienes/Base Ten so they can fully uncerstand the
 and 1000 is a really
$2000+7000$


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Make sure children refer to the digits as 70 and 40



Children continue to find the difference by counting on along a number line from the smallest to the biggest number. $W$ hat is the difference between
 the value of each digit they subtracting.

Year 2 - Children children will bed more
ear 2 - Children will continue to work with more efficient begin to use


Your child wil continue to use Dienes and place value counters so they can fully understand fully understand
the regrouping process.

Year 3 - Children will subtract 3 digit numbers, developing their use of the formal column method with regrouping. For example they will know they cannot subtract 7 from 4 therefore they must 'go next door' and regroup one Ten for ten $O_{\text {nes }}$ to make it $14-7$.
( $O_{\text {nes }}$ can also be called units).


Your child will need to
quickly subtract mult kkly subtract multiples
of 10 and lop of 10 and 100 . For example
$80-30=$ so

Maths Moments At Home


Year 5 and $b$ - Children will continue to subtract increasingly larger numbers. In addition they will learn how to use the formal column method to subtract decimals.


Remember you can view all of our videos by visiting our online library. Just scan here!



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