


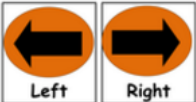



Supporting your child's learning: Maths in Reception, Year 1 and Year 2


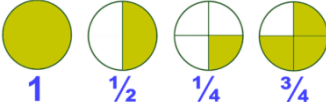
At Telford Infant School our aim is to make maths exciting, practical and relevant, to ensure that all our pupils develop as confident and independent mathematicians. We aim to develop:

Fluency	Reasoning	Problem-solving
Remembering and recalling number facts quickly. These include number bonds (pairs of numbers that make a given total), times tables, doubles and halves.	Seeing patterns, choosing appropriate strategies and being able to explain why.	Understanding when and how to use maths to tackle everyday problems and puzzles.

The aspects we focus on in Reception are:

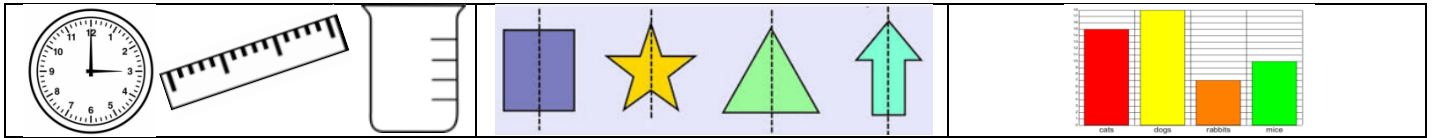
Counting, ordering and recognising numbers 	Counting on and counting back $+1$ -1	Doubling, halving and sharing 
Shape 	Space 	Measures and measuring 

The aspects we focus on in Year 1 and Year 2 are:

Number and place value 	Addition and subtraction $+$ $-$	Multiplication and division \times \div	Fractions 
Measures and measuring	Geometry		Statistics



Serious Learning, Serious Play, Serious Fun



Children become confident mathematicians by regularly talking about, playing with and experiencing numbers, counting, shapes and measurements in their everyday lives. Here are some ways that you can support your child with this at home.

1. Count anything and everything:



climbing stairs



walk for 20, skip for 20



counting small objects

Can you put 6 carrots in the bag?

help with the shopping

2. Sort things into groups:



cutlery



socks



cars

Which colour do you have most of?

3. Look for numbers, patterns and shapes when you are out and about:



door numbering

Which number will be next?
Is it odd or even?



shapes all around

4. Sing songs:

"Ten green bottles" *"Five fat sausages"*

"Five little speckled frogs"

"Ten in the bed..."

Find the biggest coin.
Is it worth the most?



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5. Handle coins, look for prices and pay for things:

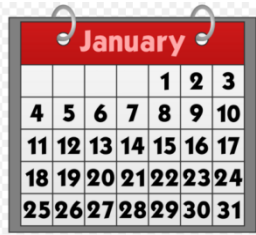


If I give you 50p, how much change will I get?

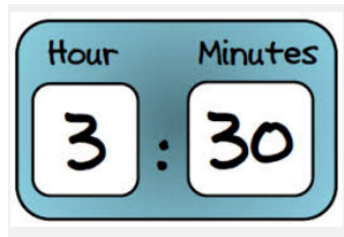


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6. Talk about time:



units of time

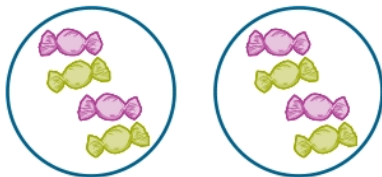


using a digital clock to read minutes



reading hours on a clockface

7. Group and share objects:



share between 2 people

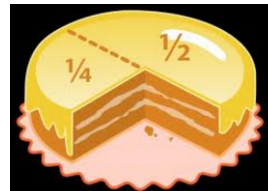


how many groups of 3?

There are 5 of us here. If we have 2 biscuits each, how many will we eat altogether?

8. Using halves and quarters:

Is there a different way you could cut the sandwich into quarters?



cutting food



filling things half-way

9. Measure things:



weight



height



capacity

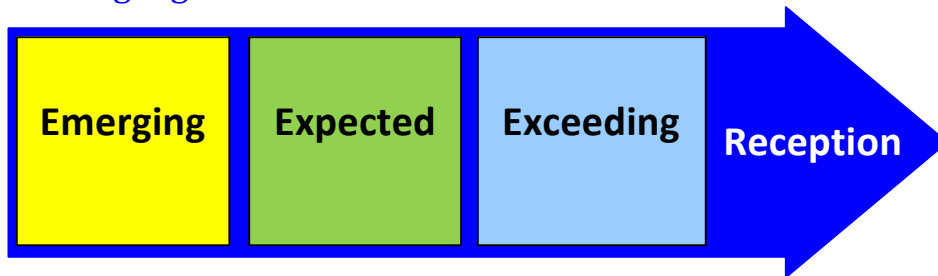
10. Play games:



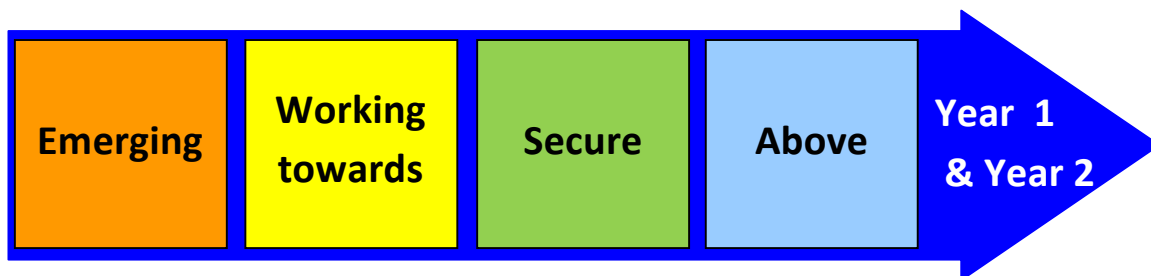
Serious Learning,



The language we use to describe and assess children's attainment:



** In relation to the Early Learning Goals set out in the Early Years Foundation Stage Framework.*



** In relation to the objectives set out in the National Curriculum 2014 .*

Where to find out more:

Telford Infant School Calculation Policy

This document describes our school's approach to teaching the four key areas of calculation relevant to infant school children: addition, subtraction, multiplication and division. It is available on our website, along with resources such as 100 squares and numberlines.

Websites:

www.topmarks.co.uk

- lots of games, categorised into year groups and skill areas.

www.ictgames.com

– interactive games suitable for infant-age children.

www.bbc.co.uk/education

- with KS1 and maths sections.

www.nrich.maths.org

– fantastic range of activities for problem-solving and developing mastery.



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If you would like further information about maths, how we teach it here at Telford Infant School, and how you can best support your child, please speak to your class teacher. Thank you.



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