



Maths Information for Parents

EYFS

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Three Bridges
Primary School

Aims for Today

- To give you a better understanding of what is taught in the EYFS
- To help you understand how mathematical concepts are taught in the EYFS
- To demonstrate how to question your child
- To show you how to support and challenge your child at home





Three Bridges
Primary School

What do they learn?

Early Learning Goal

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.

Early Learning Goal

Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them.



How do they learn?

- Fun!
- Exploration
- Play
- Adult directed activities
- Self initiated activities
- Questioning and mathematical reasoning
 - Peer work



Stages of learning

Stage of development

Early

Late

Concrete



Pictorial



Abstract

$$2 + 2 = 4$$

$$2 + 2 = 4$$

Mrs Nandhra has two teddies.
She buys two more.
How many does she have now?



What to do at Home

- Counting to 20 (songs – Singing Walrus)
- One more, one less (use this vocabulary)
- Ordering numbers (explore the values of tens and ones)
- Number bonds to 10 – these are crucial to be learnt fluently (9+1, 8+2 etc)!



What to do at Home

- Addition and subtraction
- Teach that they 'undo' each other
- Use concrete resources to support understanding



What to do at Home

- Doubling and Halving
- Teach that they 'undo' each other
- Doubling – the same number repeated twice
- Halving – must be equal parts



What to do at Home

- Sharing
- Most children have a good concept of sharing
- Food is a brilliant, practical way to explore sharing
- Explore the notion of equal parts
- Equals means, 'the same as'



Questioning and Mathematical Reasoning

Open questions

How did you solve that?

Is there another way you can solve that?

How could you prove your answer?

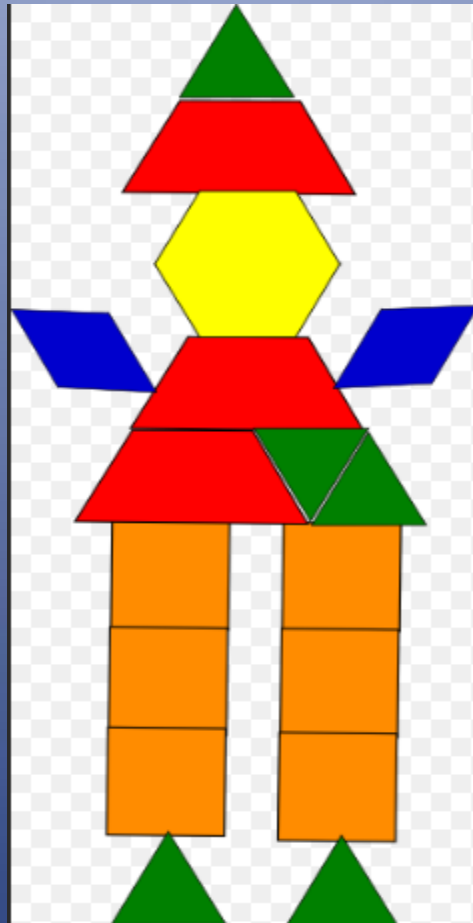
Closed questions

Did you use a number line?

What is that shape?

Is it add or takeaway?

Think of some open-ended questions
that you might ask...





Any general questions ?

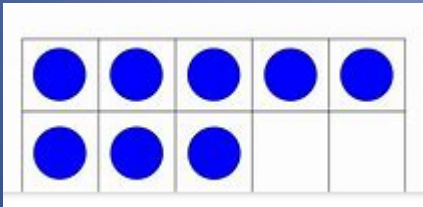


If you have any specific questions about your child, please see their class teacher separately.

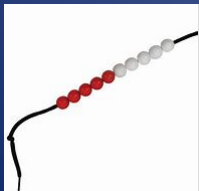
Equipment (Concrete Apparatus)

<https://nrich.maths.org/10742>

Click here for 10 frame games – excellent for developing number knowledge to 10

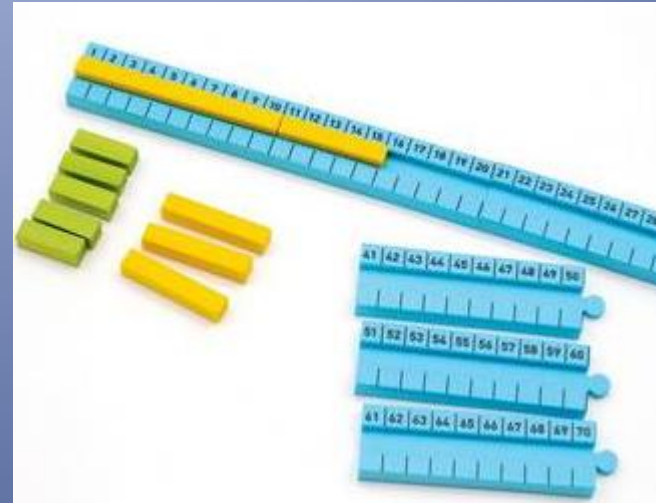


Numicon – excellent for many areas of maths and learning number bonds to 10. It is expensive so consider making your own with card.



Bead Strings – a practical aid for addition and subtraction (and number bonds)

Equipment (Concrete Apparatus)



Cuisenaire rods and number track – excellent for all aspects of maths including multiplication and fractions