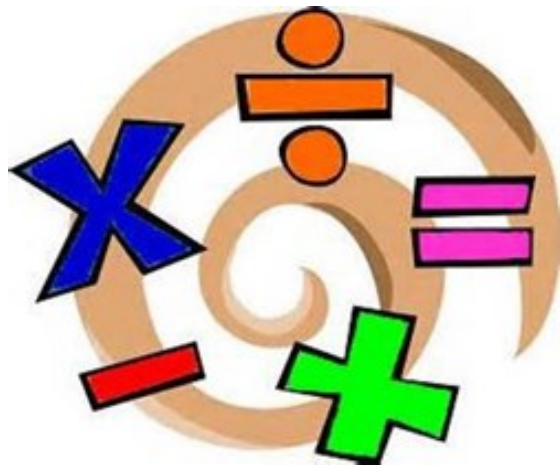




Helping your child with Mathematics



Our approach to teaching Mathematics

We believe Maths plays a vital part in the education of pupils at Doddinghurst Infant School, inspiring the children to develop a love of Maths and becoming a confident fluent mathematician.

INTENT:

- To develop the delivery and opportunities for maths fluency with a particular focus on mastery and greater depth for all children.
- To teach a rich, balanced and creative curriculum using Maths to reason, problem solve and develop fluent conceptual understanding.
- Maths planning shows clear progression, sufficient depth and coverage allowing children the opportunity to talk about how and why they have used certain strategies.
- To use real life situations to make better sense of the world around them relating the pattern between mathematics and everyday life developing their problem solving capabilities.

How is my child supported with Mathematics?

Maths lessons are differentiated and provide age appropriate challenges. In Maths this looks like practising key skills, repeating, reinforcing and revising. Children are given time to practise and perfect their calculation strategies including giving children opportunity to make appropriate decisions when choosing their challenges and appropriate resources. Feedback including our whole school 'next steps' system is designed to ensure children are well informed and making visible progress. Discussion is essential to our learning and practical tasks are designed to allow children to follow lines of enquiry and develop their own ideas, justifying and proving their answers. Children work both collaboratively and independently solving problems, which require them to persevere and develop resilience.

The children have daily Ten Minute Maths where they have the opportunities to verbally solve problems and explain patterns involving the number bonds.

Home Learning

Our Home Learning policy aims to improve educational standards throughout home and school, whilst developing the concept that learning is a whole life experience and not just confined to school. Parents are therefore actively encouraged to be involved in their children's education.

You can assist them through the following:

- Read Children may know a different method for writing calculations than the one you were taught at school – allow them to explain their own way as well as showing them yours – there is no right or wrong way to get the right answer.
- Encourage your child to explain what they think the work is about and what they can remember from their lessons that week.
- DON'T PANIC!! Maths can bring out strong emotions. If you are totally stuck move on and come back to it later – it might make more sense!



How can I help?

Maths is everywhere in the real world and children need to be able to understand and explain its practical uses.

Encourage them to:

- Read the numbers around them, for example, on car number plates etc.
- Play games such as cards or dice rolling games.
- Find opportunities to count aloud or sing counting songs.
- Find totals from prices in shops and work out the change.
- Weigh & measure ingredients in the kitchen.
- Tell the time on both digital and analogue clocks & watches.
- Read train and bus timetables and try to interpret them.
- Learn their multiplication tables by heart. Children are expected to know all of their tables by heart by the time they are in Year 5.
- In infants, children are expected to learn the numbers that add up to 10 and 20 by heart.

Useful website



You may find these websites useful when looking for mathematics online!

http://www.bbc.co.uk/schools/ks1bite_size//numeracy/

<http://www.ictgames.com/resources.html>



You can also make use of the children's online access to Abacus

<https://www.activelearnprimary.co.uk/login?c=0>