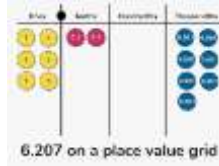


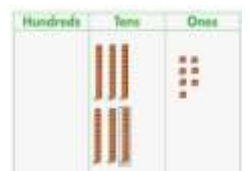


Numicon

Place value counters



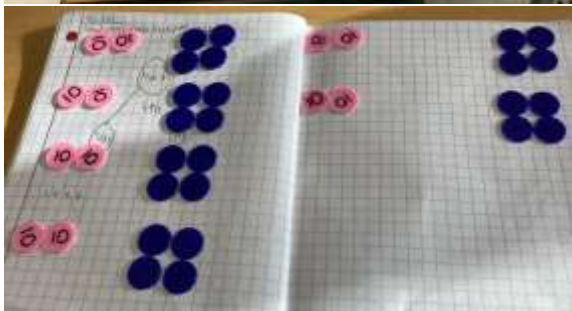
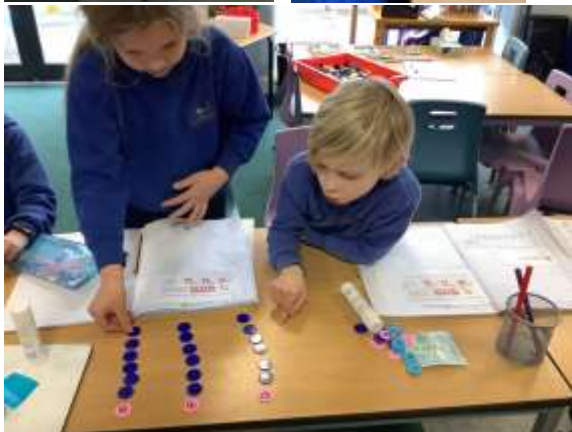
Cuisenaire rods



Base 10

Manipulatives

We have recently purchased more resources for Maths and continue to use a wide variety of manipulatives in our Maths lessons - e.g. numicon, place value counters, base 10, cubes, counters, Cuisenaire rods. These concrete resources help us to understand the key concepts in number. The children enjoy working with their talk partners to reason and problem solve.



Concrete, Pictorial, Abstract

After using the concrete manipulatives, we investigate a range of pictorial representations in our fluency, problem solving and reasoning questions e.g. bar models, part whole models, number lines, place value charts.

Jon thinks of a number.
Half of my number is 12.
What is one third of Jon's number?

Complete the bar models.

At Kennet Valley, we follow White Rose Maths scheme to plan and teach exciting lessons.

Fluency

This year, we have introduced a daily Fluency session as an extra session to our daily Maths lessons. These sessions have proved very popular with the children, with fun games to help learn fluency facts e.g. addition bonds to 5, 10, subtraction facts, times tables, doubles, near doubles. As part of these lessons, we are using a scheme called Number Sense and also continue to use BBC Supermovers to engage the children.



Multiplication Times Table Check - all Year 4 children will be taking part in the national times table tests in school in June this year. These tests are completed online. There are a variety of games we use in school to help practise times table - suitable for all year groups.

www.timestables.co.uk

www.timestables.co.uk/multiplication-tables-check/

www.timestablerockstars.co.uk

www.mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check

www.timestables.me/timestablegenerator - will generate times table sheets

Year 4 parents have received a letter giving more information about this check.

Pupil Voice

Here are some of the views and thoughts of our children when asked about Maths.

"I really like Maths because we can learn numbers, do really hard questions"

"I feel excited about Maths because I really like challenging myself"

"Sometimes I get things right sometimes wrong. I just try again and you'll get better at it."

"It's good - we get to learn new things and use numbers, answer really hard questions, teach other people in our class."

"I'm confident in maths, I do hard challenges a lot."

Stem sentences

Through use of stem sentences, we explain to others how we have found the answer to problems.

I disagree with... because....

I agree with... because.....

If I know.... then.....

I know.....



Save the Date!

Following our successful Reading Week, we are planning a Maths Week in Term 5 - 25th - 29th April, which will include lots of fun, challenging Maths activities and a Maths themed/Number dress up day!



A BIG thank you to Simon Jones - Link Governor for Maths

We are very lucky at Kennet Valley, to have such a supportive and engaged Governing body. Our Link Governor for Maths, is Simon Jones, who meets regularly with me to monitor Maths across the whole school - we observe Maths teaching, complete book scrutinies, discuss Maths assessments, planning, talk to children about their views on Maths and review our maths action plan. As part of this role, we continually look at ways to further improve Maths at Kennet Valley. I am very grateful to Simon, for his continued support with Maths.

I hope you have found this newsletter useful.

Mrs Hues