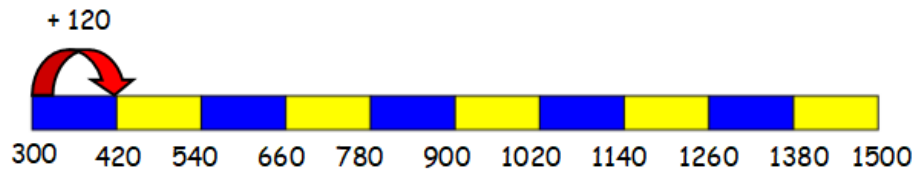




Mathematics learning in Year 4 at **St Alban's CE Primary School**



There are many ways you can help your child in maths. We all use maths at home in everyday activities while shopping, measuring and calculating.

You can talk to your child about things like planning meals for the week, making a shopping list or measuring for a new carpet.

In Year 4, the focus is on a deep understanding of number to ten thousand, including the composition of each number.

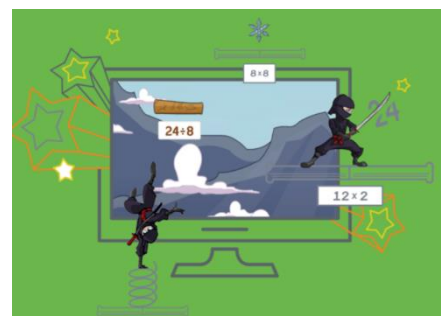
We will recognise, explore and represent patterns in the counting system and use this to derive unknown facts.

Maths also includes measuring, and shape and space.

We will ask children, “Why?”, “How do you know?”, “What is the same?” and “What is different?” so that they can share their thinking, work together to solve problems and learn from each other.

In Year 4 it is vital that all children access Reflex Math and get a green light at least three times a week.

<https://www.reflexmath.com/>



It is important that our number knowledge builds on solid foundations so this year our fluency objectives in Year 4 are

- **recalling number bonds within 100**
- **counting in multiples of 2, 3, 4, 5, 8 and 10**
- **counting in multiples of 50 and 100**
- **counting in multiples of 1000**
- **counting in multiples of 6, 7, 9 and 25**
- **recalling multiplication and division facts for the 2, 5 and 10 times tables**
- **recalling multiplication and division facts for the 3, 4 and 8 times table**
- **recalling multiplication and division facts for multiplication tables to 12 x 12**

When I know my multiplication and division facts to 12 x 12 it is important that I use them to derive other facts.

If I know 12×12 is 144, then I know I need to add 12 to get 13×12 .

So, 13×12 is 156.

If I know 6×7 is 42, then I can derive 60×7 by multiplying 42 by ten. I can use the 6 times table to work out how many minutes are in seven hours.

Useful links

<https://trockstars.com/>

<https://whiterosemaths.com/homelearning/year-4/>