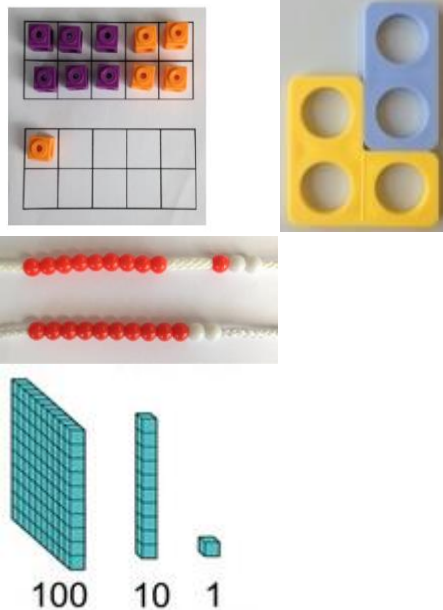


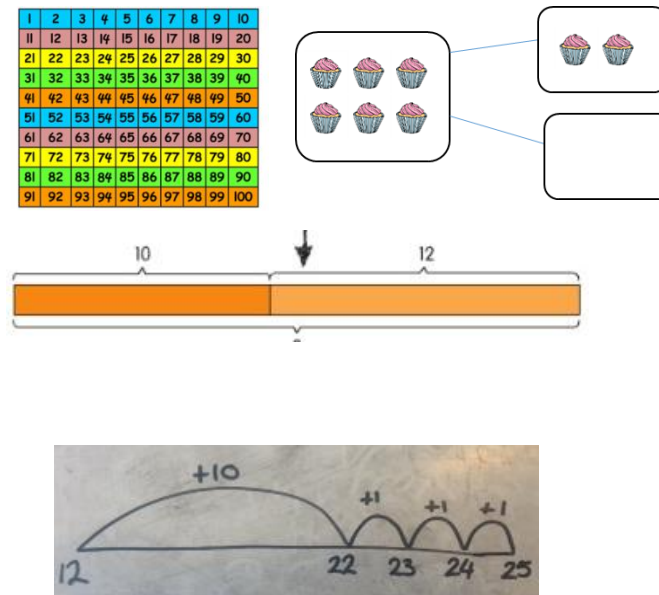
Mathematics at Sycamore

We are passionate about children becoming confident mathematicians. To help them on this journey we teach children to understand mathematical concepts using concrete (physical) resources, visual representations (pictures and diagrams) and abstract representations. This enables our learners to approach problems in different ways and become confident in solving the mathematical challenges around them now, as well as those they'll encounter in the future world of work.

Concrete



Visual



Abstract

$$\begin{array}{r} 38 + 27 \\ \swarrow \quad \searrow \\ 30 \quad 8 \quad 20 \quad 7 \end{array}$$

$$\begin{array}{r} 6543 \\ + 3467 \\ \hline 10010 \\ \hline 111 \end{array}$$

We use Maths No Problem resources to support us in this. Click on the document below to find out which mathematical objectives are focussed on in each term.

If you want to find out more about the strategies we use to teach your child maths, just ask their class teacher and they'd be delighted to show you. We also regularly run maths courses for parents. Ask to speak to our Parent Engagement worker, who'll be pleased to give you further details.