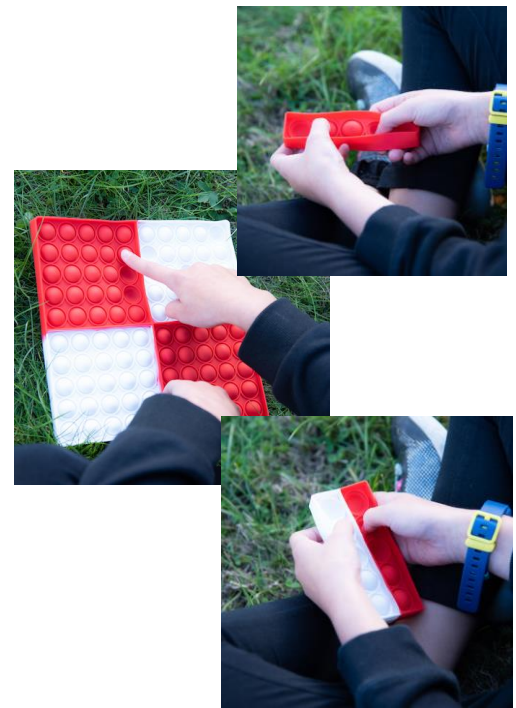


LEARNING WITH...

Poppits

A unique multi-sensory media that supports Maths Mastery and develops fluency and understanding of numbers to 5, 10 and 100.

Many thanks to Helen from Holgate Primary in Hucknall, for her suggested ideas for using this resource.



Bingo Pop

Provide groups of children with a Poppit and a ten-sided dice. The teacher, or a pupil, rolls the dice and the number rolled is then popped. The winner is the first pupil to pop all their numbers! This game supports learners with number recognition and is suitable for all ages that are working with numbers up to 10. Similar bingo style activities can be played using the 10 x 10 Poppit for children working with higher numbers.

Addition number bonds to 10

Provide the children with a ten frame Poppit and a pile of face-down 0-10 number cards. Children turn a number over and then pop that amount. This then makes a number bond to ten which children write down.

E.g., if they turn a 6 and pop 6 circles, that leaves 4, so children write $6 + 4 = 10$.

Subtraction number bonds to 10

Very similar to Addition number bonds to 10. Children turn a number over and then pop that amount.

E.g., if they turn a 6 and pop 6 circles, that leaves 4, so children write $10 - 6 = 4$.

Systematic number bonds to 10

Provide children with a Ten Frame Poppit and 20 small pom poms (20 of 2 different colours). Children fill the Poppit with one colour pom pom, and then systematically replace one with the other colour while counting how many of each colour are in the frame. Children then write that number sentence.

E.g., $9 + 1 = 10$, then replace another with a second colour. Children count them again, this time it will give $8 + 2 = 10$ etc.

Fractions to 10

Find half of an even number to 10 by placing pom poms on the Poppit.

E.g., Children find half of 4 by placing four pom poms on the circles making sure they had the same number on each row. The children count the number on one row which gave them the half number.

2 Times Table

Write 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 in or above (on paper) the circles of the Ten Frame Poppit. Children are then given the number sentences e.g., $1 \times 2 =$, $2 \times 2 =$, $3 \times 2 =$, $4 \times 2 =$ etc. Children work out the number by popping the circle.

E.g., For 1×2 , children popped the first circle that had 2 on it or next to it, and that is the answer. For 3×2 children count along and pop the first 3 circles, so 6 is the answer.