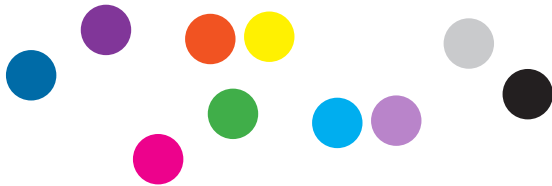




PUZZLERS

Teachers can photocopy this page to use in class



FOUNDATION WHAT COULD I HAVE MEASURED?

I found something in our classroom that was 10 counters / unifix/ teddy counters long. Draw three things you think it might be just by looking then check using the counters/ unifix/ teddy counters.

Extension: I also found something half as long and something twice as long. What could these be?



YEARS 1 AND 2 COMPARING LINES INDIRECTLY!

We have a line on our carpet to show where we sit on the floor. The teacher next door also has a line on the carpet. Whose line is longer? Estimate and share your thinking.

How could we find out?

(The children share their problem solving strategies and then try these out. The two lines should be similar but not exactly the same length. You will have to cooperate with the teacher next door!)



YEARS 3 AND 4 CAN YOU WRITE YOUR NAME FOR EXACTLY ONE MINUTE?

This is a variation on how many times can you write your name in one minute. In this challenge, the children must write their name and stop when they estimate a minute has elapsed. They should be given a few attempts and record their times to try and get closer to exactly one minute.

The task can then be changed to clap for one minute, walk for one minute etc.



YEARS 5 AND 6 MAKE 2 LITRES

How could you fill an unmarked jug to exactly 2 litres if you only have a five litre and a four litre jug to do it with?

Think about it with a partner then try it with water and measuring jugs.

<https://www.mathsisfun.com/puzzles/measuring-2-litres.html>