

Easter Themed Practical Maths

Using plastic eggs or wrapped small chocolate eggs children can play a points scoring game to practice addition.

Each player has 5 eggs and a range of cups/baskets to throw them in to. Each cup/basket has a different number of points assigned to it. Younger children could stick to working with numbers below 10 and older children could have points assigned for each cup that will make them have to calculate in a more complex way e.g bridging 10 or 100.

Calculate the total for each round. Who won that round? Older children could keep a running total for 10 rounds. What is the difference between the winning score and the lowest score?



Write amounts of money on the outside of a plastic egg. Encourage your child to fill each plastic egg with the amount of money that is written on the outside. Is there more than one way to make each total? How many different ways could you fill an egg that has 15p written on it?



Ask your child to design an Easter egg using a mathematical design. This could be the use of shapes to make a geometric design, a repeated pattern or a design that is symmetrical.



How many bunny hops does it take for different members of your family to get from one side of a room or the garden to the other? Who has to do the most? Who has to do the least? Why do you think this is?

Older children could look at collecting data relating to leg length and number of bunny hops and create a line graph. Does the graph show any trends in this data? What generalisations can be made about leg length and number of bunny hops?

Plastic eggs that break in half can be a great interactive way for children to practice a range of concepts. Younger children could click eggs together to find eggs that total 10 or 20. Older children could practice multiplication facts (where the question is on one half of the egg and the answer is on the other) Even fractions can be practiced in this way!



Task your children with designing an Easter egg hunt. They get to hide the eggs, but they also need to write a series of clues to get from one egg to the next using positional language. Clues could include directional language such as 'to the left, to the right, 3 steps forward'. Angles could also feature as part of these clues with children writing 'turn 90 degrees clockwise'. Older children may wish to link this to translation 'translate yourself 3 steps to the right and 2 steps forward'. Your children may wish to make their hunt more accurate by using standard measures '1.5m towards the front door'.

This would also be an opportunity to get your children using positional language relating to compass directions in a meaningful context - most phones have a compass feature on them. Children can instruct their hunter to walk 3 paces east with the compass or if they want to make it harder just indicate which way north is and allow the hunter to work out the rest of the directions.



Can you child order their Easter eggs? This could be by size or weight? Can their eggs be sorted? How many different ways can their eggs be sorted? Could it be by colour, flavour, decoration, packaging?

