Walking Maths

What shapes can you find on your walk? Look for road signs, shapes in patterns on front doors, shapes in fencing. Maybe take a tick sheet out with you so your child can cross shapes off as they find them. Print a 2d shape mat off from this link https://www.twinkl.co.uk/resource/t-n-105-2d-shape-word-mat

Play walking bingo. Give your child, or children a bingo card (https://www.template.net/design-templates/free-printable-bingo-card/) Encourage them to look for numbers on their walk. If they find a number that is on their bingo card, they can cross it off. Can they complete a line or get a full house?

Using the numbers on a road sign what is the largest number your child can make? Encourage your child to use a range of operations and combination of numbers. Younger children could add the numbers, older children could add and multiply using different combination of numbers (so the sign below could become this calculation 5x2x9 or 52x9 or 5x29) Children in year 6 could explore BODMAS and look at completing operations in different orders depending on the law of BODMAS.

Use car badges as a data handling exercise. Encourage children to look at the badges on the cars that they see on their walk. Allow them to think about an efficient way to record this. What can they conclude from their data? Can they say what the most common car out today was? What about the least popular? Can they think of another way to represent this data (KS1 and lower KS2 could pictogram or bar chart this information, Y6 could look at creating a pie chart)

Use car registration plates to practice quick fire multiplication facts. KS1 children could practice quick fire addition facts.

Older children could add and multiply to see which gives the biggest total. Can they see a common theme in this activity?

Task your child with making a pavement trail for themselves and others using chalk. Include some mathematical elements in this trail. For example, 'cross the shapes grid by only stepping on shapes with less than 3 sides.' 'As you jump on the hands count in the sequence.' Only count on the multiples of 10, jump on the multiples of 5, what do you notice? 'Can you make it through the number jumble by only stepping on even numbers?'