

Maths for Walks

Fun on the move

9 -12



Number Processes



Background information:
Maths, estimation, practical application and times tables.

Some fun facts:

- It takes 58070 steps to climb mount Everest.
- A bag of cement is 25kg and all you need is 1 part cement, 2 part sand, 4 part aggregate to mix the cement to set a fence post
- An average step on the stairs is 220mm or less

This is for everyone. If you don't have natural objects to count use metal railings, buttons or clean milk bottle tops.

Equipment

None (a phone if you choose)

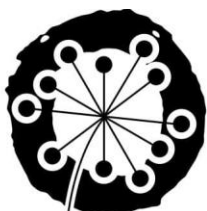
Activity

Maths is all around us. Here are a few example questions to start you thinking about how maths can be explored whilst you are on a walk.

- How many steps do you think are in the stairs? (estimate) Lets count them! How many times would we have to climb the stairs to get to the top of mount Everest? (58,070 steps).
- How many fence panels will we need to buy to replace this fence? What else might we need to order to put a new fence in? (posts, bags of cement etc)
- How far is it to the shop/park? (estimate) lets measure this (can start with counting steps, you might progress to using a step counter on your phone. Use apps to plan and measure before, during and afterwards. Google maps can do this.
- Can we jump on every pavement slab? Count how many jumps, progress to counting in 2's, 5's or 10's.
- Can you find (2,5,10) cones? (or snails, feathers, acorns, etc) how many groups can we we find? How many did we find all together?
- What shapes can we see? (circles, triangles, squares etc) progress this to 3D (cube, sphere, prism)

The main thing is to have fun and be active. Don't force something and start at a level that is right for your child.

For more resources visit www.lt1.org.uk/free-resources



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