

# Sustainable Home Learning and Play

These activities are designed for going to a safe outdoors space such as a garden or local park. If this is not possible every activity has an indoors adaptation below. For more ideas and video demonstrations join our Facebook group [www.facebook.com/groups/2947052738685771/](http://www.facebook.com/groups/2947052738685771/)

All

Week 8  
The Maths  
Factor!



## Throw some shapes!

Can you use string, rope or sticks to build your understanding of different shapes by laying them out on the ground? If there are enough of you in the household, you can extend this challenge with a leader giving directions and some blindfolds!

## Solve the magic number square

Gather a selection of small loose parts one of one type, two of another, three of another through to nine. Make yourself a three by three grid from sticks and can you position your numbers so that every column, row, and diagonal add up to the same number??

## Scale Dinosaurs

Research the dimensions of your favourite dinosaur, or landmark or other big thing! Can you use an appropriate scale e.g. make it 10 times smaller and mark out your subject on your garden, driveway, or your living room floor! If you've the space to go full size go for it!

## Is it bigger or smaller?

Play this fun, active game in which you must run to items of a certain size. This can be done indoors or out. For older children extend the activity to finding and bringing to you, objects as close to 10cm as possible or as close to 50g – with a time limit of course!

## Sparks and Feathers Open for Business!

This resource has a price list for natural materials so, next time you're out make some purchases from nature's shop and work out how much you've spent – maybe you have a budget! Indoors, create a new price list, grab a bag and role play shop with any goods at all!

## Active Fractions

Put the pizza to one side and get active with this alternative, healthier way to understand fractions! Mark out simple shapes using string, rope or chalk and use your body to cover half or quarter of the shape and so on!? Then you can enjoy a big fraction of pizza afterwards!

For more resources visit [www.ltl.org.uk/free-resources](http://www.ltl.org.uk/free-resources)

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