

# What to do

*IMPORTANT Parent or Carer –  
Please check that you are happy with any weblinks or use of the internet.*

## 1. Counting practice

- Together, count to 20.
- Now you are going to take turns to repeat this BUT you give each other a number they mustn't say. E.g. Sunil tells Mum she can't say 'six'...
- Mum says, 'one, two, three, four, five, *uh-oh*, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, *uh-oh*, seventeen...', etc.
- Now Mum tells Sunil he can't say four.
- Play several times. Do you get good at not saying one number?

## Extension

- Repeat the same activity but count from 30 to 50 not saying 'six', or from 70 to 90 not saying 'five', etc.

## 2. Working together

- Work through the activity outlined below in *Same Difference*.
  - You need Lego™, Duplo™ or other small bricks. Also, paper and pens each.
  - Follow the instructions on *Same Difference* below.
  - Try the Extra Challenge!

## Try these Fun-Time Extras

- Learn how to build a tower of playing cards – beware, it's hard!  
<https://www.youtube.com/watch?v=xWDnJt1McT4>

## Same difference!

You need Lego™, Duplo™ or other small bricks. You need 12 bricks each.  
Also, paper and pens each.

### What to do

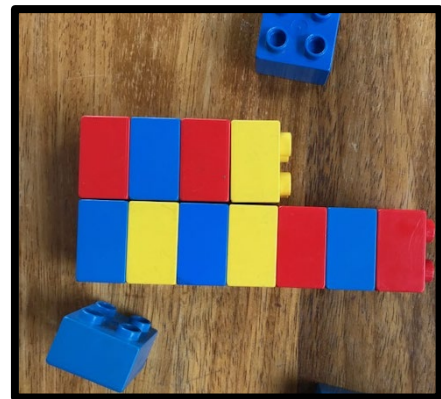
- Find someone to work with.
- Build a tower each.
- Lay the two towers next to each other.
- Find the difference between the two.

### Difference of 3

You are looking for two towers with a difference of 3 bricks.

Try a tower of 4 and a tower of 7 to get you going.

- How many different pairs of towers with a difference of 3 can you make?
- Keep going until you are sure you have made all those possible using no more than 12 bricks in any one tower.



### Extra Challenge!

- How many pairs of towers with a difference of 2 do you think you will be able to make? Will it be fewer or more than the number you made with a difference of 3?
- How many pairs of towers with a difference of 4? Predict first.

Answers  
9 towers with a difference of 3  
10 towers with a difference of 2  
8 towers with a difference of 4