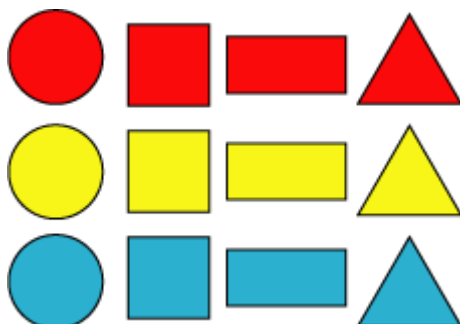




Chain of Changes

Here is a set of shapes:



What do you see?

What do you notice?

If possible, talk to someone else about your noticings.

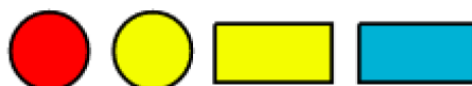
In this problem, we are going to arrange shapes in a line, in a particular order.

Your challenge, as you add a shape to your line, is to change first colour, then shape, then colour again, then shape and so on. (Or first shape then colour...)

To help you get the idea, below there are two pictures. Each picture shows the first four shapes of a sequence.

Which sequence follows the rule and which does not? How do you know?

Sequence 1:



Sequence 2:



Have a go at creating your own sequence of shapes which follows the rule.

How many shapes did you use?

Is it possible to use more shapes?

Can you use all the shapes in this way? Why or why not?