



SM9



15-20 minutes



- ❖ 2 sets of 3 coloured squares in different sizes



- ❖ Tower template



- ❖ 1 sheet of white A4 paper
- ❖ Glue stick



You could also make both types of tower a second time, using rectangles in 3 sizes.

You could also use 3 stacking blocks, like in the photo, to give your child the chance to relate the towers they have made to a 3D one.

TOWERS



To model a procedure for visually comparing the sizes of squares – place one square on top of another (superimposition)
To demonstrate the use of a template
To practise comparative size vocabulary: *large, middle-sized, small; largest, smaller, smallest*



A superimposed tower:

Look at the three coloured squares, and talk about them. Ask your child to choose which one is *largest, smaller* and *smallest*. Show your child how to check them by the placing one square on top of another, to build up a 'tower' of the squares with the largest on the bottom and the smallest on the top. Point out the way in which, when the squares are correctly arranged, you can still see the edges of the larger squares. Build the tower several times, sometimes correctly and sometimes making a 'mistake'. Your child should spot your mistakes and correct them.

When they have placed the squares correctly, help them to stick the squares on their paper (as in the left of the photo, yellow onto blue and blue onto red), talking about the sizes and order as you do it.

A tower using a template:

Now show your child how to make another type of tower, using a template. Show them how to build the tower on the template, starting at the bottom of the tower: first the large square, then the middle-sized one and finally the small square.

Mix up the squares again, and give your child a blank sheet of paper. Ask them to build the tower just like in the template. When the tower is correctly assembled, glue the squares in place on the sheet (as on the right-hand side of the photo).

Encourage your child to talk about what they are doing as they make their towers, guiding them to use correct size words.

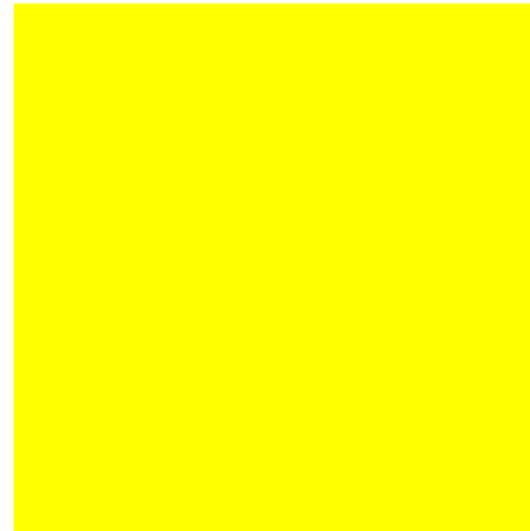
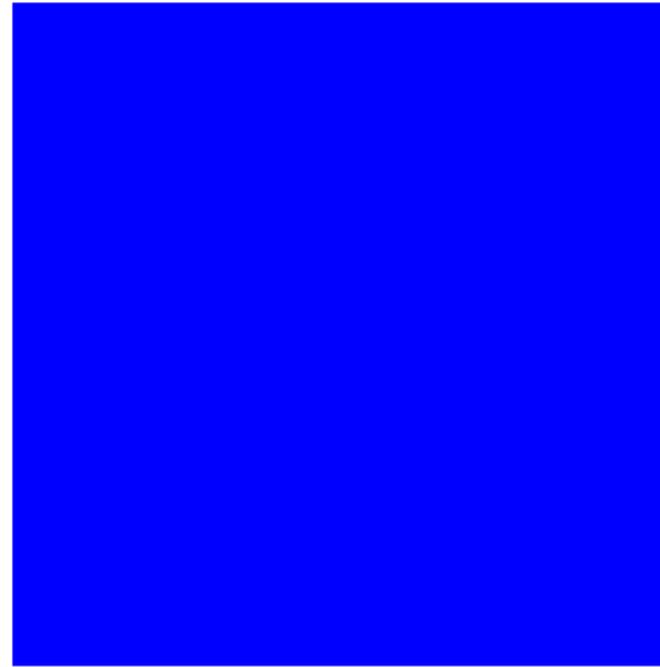


Your child can arrange three squares correctly, one on top of the next, to form a tower.
Your child can use a template to build a tower correctly.

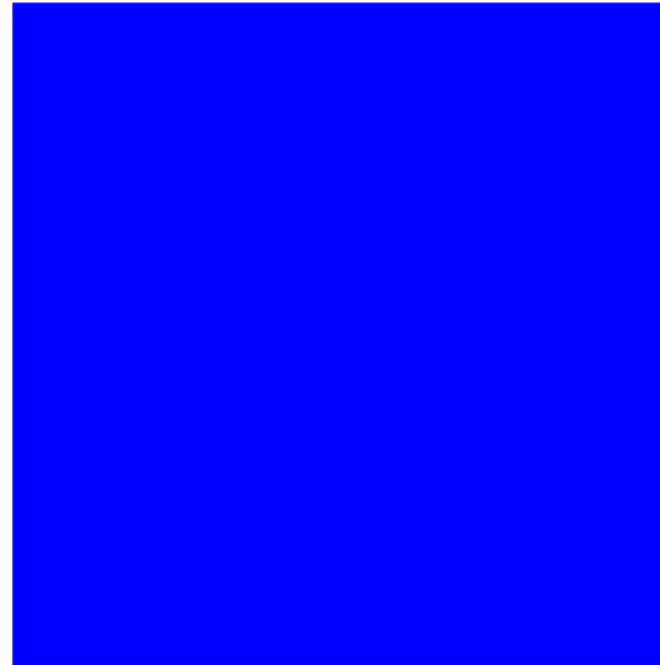
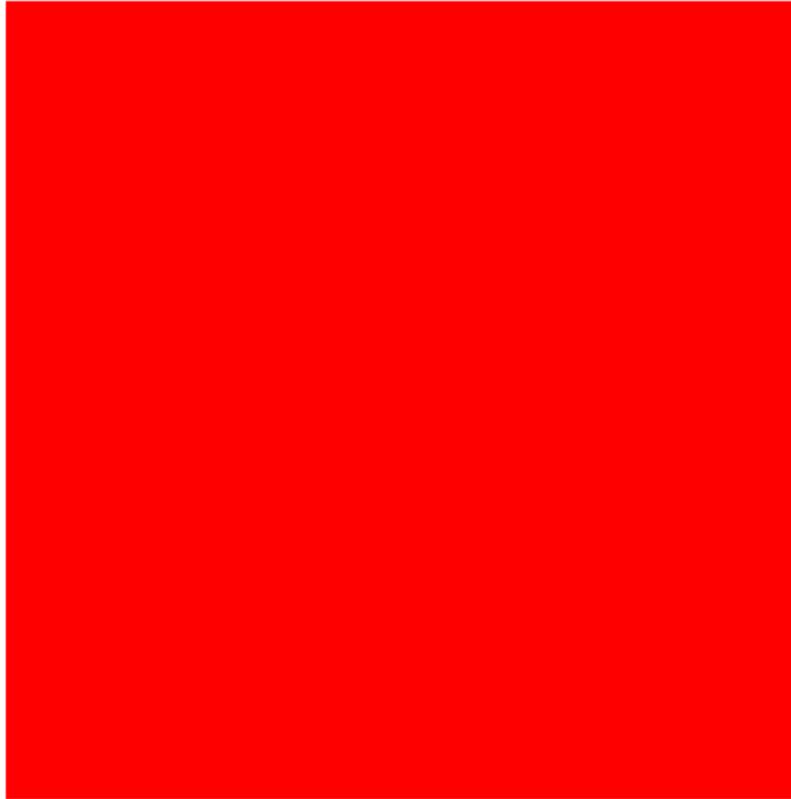


KEY TO LEARNING
@HOME

Cut out each square separately, directly around it's edge.



Cut out each square separately, directly around it's edge.



Use this page as it is.

