

# Maths Talk and Learn: Supporting White Rose Maths First, Then, Now

## Adding More

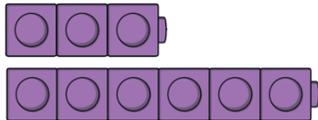
**First**, there were 3 birds in the tree.

**Then**, 2 more birds landed in the tree.

**Now**, there are 5 birds in the tree.



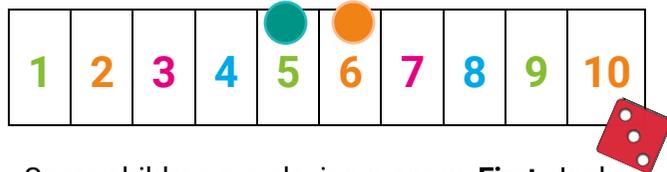
Talk about these towers of cubes.



**First**, how many cubes are there?

**Then**, 2 more cubes are added to each tower.

**Now**, how many cubes would be in each tower?



Some children are playing a game. **First**, Joel is on square 5. **Then**, he rolls a 3. **Now**, what number will Joel be on?

**At first**, Aisha is on square 6. **Then**, she rolls a 2. **Now**, what square will Aisha be on?

## Challenge Yourself:

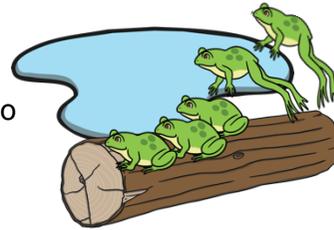
- Use an empty cardboard box as a pretend bus or train. Move some toys on and off your vehicle.
- Talk about how many toys are on the bus/train at **first**. **Then**, how many more passengers get on? **Now**, how many passengers are on the bus/train?

## Taking Away

**First**, there were 5 frogs on the log.

**Then**, 2 frogs jumped into the pond.

**Now**, there are 3 frogs left on the log.



Little Caterpillar is hungry.



**First**, how many leaves does he have?

**Then**, Little Caterpillar eats 6 leaves.

**Now**, how many leaves would he have left?



**First**, Baker Bear had 10 cakes to sell in his shop.

**Then**, he sold some.

**Now**, he has 6 cakes left.

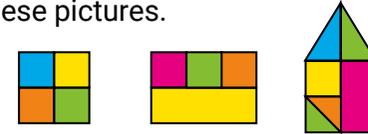
How many cakes did Baker Bear sell? How do you know?

## Challenge Yourself:

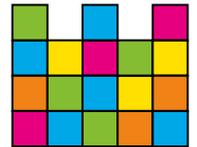
- With a grown-up, sing a number song, such as 'Ten Green Bottles'.
- **First**, can you say how many bottles there are on the wall? **Then**, how many fall off? **Now**, how many are left?
- Can you use your fingers to show the first, then and now number stories for each verse of the song? How many fingers do you need to show at the end of the song?

## Spatial Reasoning

Shapes can be combined or separated to make new shapes. Talk about the shapes you can see in these pictures.



Teddy is making a shape picture using some square pieces of paper. He has made a picture of a castle. Talk about Teddy's picture.



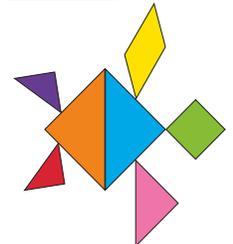
Teddy would like to make the tower in the middle of the castle even taller. How could he arrange the paper squares to make a taller tower?

Could Teddy make some triangles for the turrets at the top of the towers? Talk about how Teddy could fold and cut a square to make some triangles.

Talk about the shapes you can see in this set of tangrams.



Talk about how the tangram shapes have been arranged to make this turtle picture. Can you spot two triangles that have been arranged to make another shape?



## Challenge Yourself:

- Fold and cut a square of paper into four triangles. Can you arrange the triangles to make a bigger triangle? Can you arrange the triangles to make a four-sided shape?