Maths Talk and Learn: Supporting White Rose Maths Growing 6, 7, 8
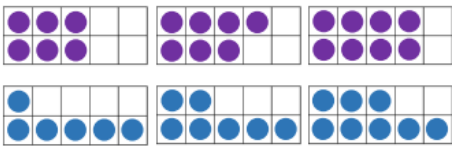
Composition of 6, 7, 8

6	7	8
six	seven	eight

Talk about which images show a representation of 6, 7 or 8.
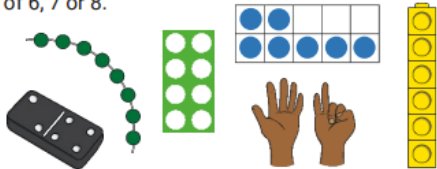
Look at how these counters have been arranged on the ten-frames. How many counters are in each ten-frame? How do you know? What are the similarities and differences between them?

Challenge Yourself:

- Count 7 bricks or beads into a container so that they cannot be seen. Then add one more brick/bead. Can you work out how many there are without counting them all? Take one or two items out of the container. How many are there now?

- How many different ways can you find to make 6, 7 and 8? How will you record this?
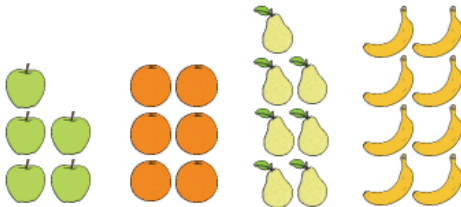
Making Pairs

A pair is two.

Talk about how many pairs of legs each animal has.

Look at the quantities of fruit arranged into pairs. Some quantities have an odd one left that can't be made into a pair. Is there a pattern of which numbers make even pairs and which don't?

Challenge Yourself:

- Find toys or items around the room to place into pairs. Do all the toys have a partner, or are there any odd ones left over that don't make a pair? Can you make pairs with 7 toys? Predict the answer and then check.

- Play a game which involves matching pairs of cards together or helping to match socks from the laundry.

Combining Two Groups

Put two groups together to find out how many there are altogether.
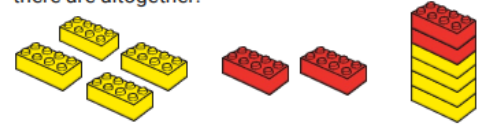
How many spots are on each side of the domino? Try and recognise how many are in each group without counting them (subitising). Then, combine the two groups and find out how many spots each domino piece has altogether.

Which two dice could be put together to make 7?

Talk about what these part-whole models show. Which number is missing?

6
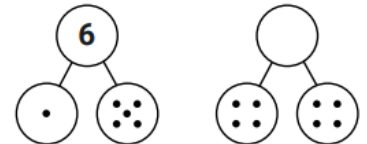
Challenge Yourself:

- Use both hands to grab a two handfuls of dried pasta. How many pieces are in each hand? Put the two handfuls together. How many pasta pieces are there in total?