Maths Talk and Learn: Supporting White Rose Maths Visualise, Build and Map

Repeating Patterns

pattern   **unit of repeat**
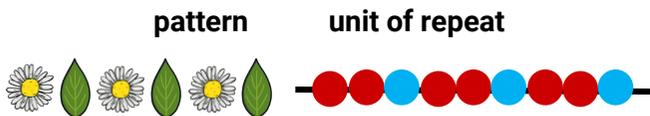
Can you describe the repeating pattern? What is the repeat?
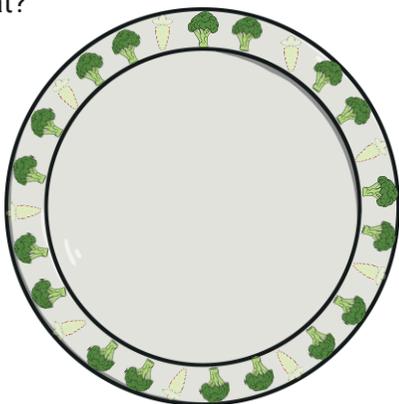
What is the pattern rule? Which animal would come next?

Teddy made this pattern using some pieces of fruit. What is the rule of Teddy's pattern? What would come next?

Challenge Yourself:
- Can you create a repeating pattern using 3 different types of objects, such as natural materials, buttons or coins? Can you describe your pattern to a grown-up?

Visualise and Build

next to   **in**   **under**   **behind**   **in front of**

Talk about what you can see in the picture of Herbie the Dog. Where is the bone? What is in front of the bowl? Try to use some of the words above.

Use some small world toys to make a scene from one of your favourite storybooks. Can you tell your grown-up where you have placed the different characters and objects using positional language?
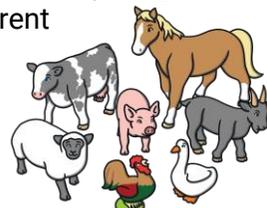
Your friend wants to build a model like this one. Pretend you're on the phone and give them instructions for how to build it. What colour bricks will they need? Where will they need to put them?
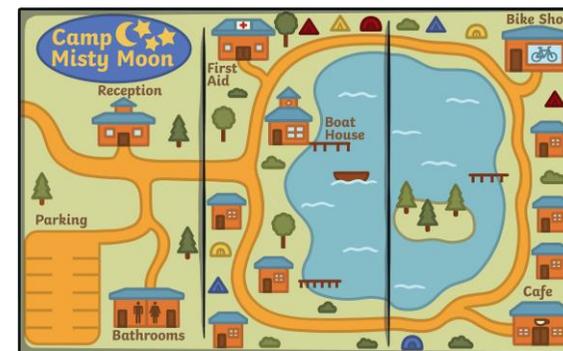
Challenge Yourself:
- Ask a grown-up to build a simple model using 5 blocks, but they must keep it hidden from you. Ask them to describe what their model looks like and where the different blocks are. Can you listen carefully and build the model? When you have finished, look at your grown-up's model. Does yours look the same?

Mapping

map   direction   forwards   turn   pass   first   then   next   near   far

Talk about what you can see on the map. Where is the bike shop? How would you get from the reception to the cafe? What would you pass?

Use building blocks or junk-modelling materials to build a map of your street. What will you use to make your house? What other places will you need to make?

Challenge Yourself:
- Tell a grown-up about your journey to school. What do you pass first, next and last? Next, use a pencil and paper to draw a map of your journey to school. What places will you need to draw?