



RIVERSIDE
PRIMARY

Riverside Mathematics knowledge organiser



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Year Group: Foundation Stage

Term: Autumn 1

Area of learning – Match and sort

Knowledge

Match

Objects **match** when they are exactly the same as each other.



matching pair **same** **different**

Talk about these autumn objects. What do you notice? Can you find pairs of objects that are the same? How do you know that they match? Can you point to two objects that are different?

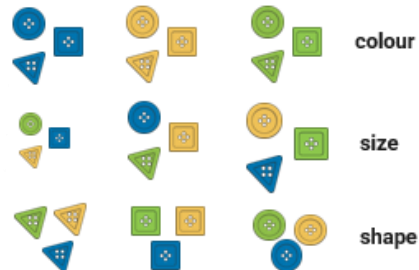


Teddy is sorting her mittens. She should have a **matching pair** of mittens in each colour. Talk about what you can see. Do you think Teddy has all of her mittens? How do you know?



Sort

Objects can be sorted into groups in lots of different ways, such as by colour, shape or size.



Little Hedgehog is collecting autumn leaves to make a nest. Talk about how Little Hedgehog has **sorted** the leaves into groups.



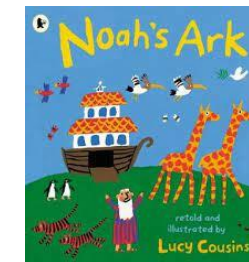
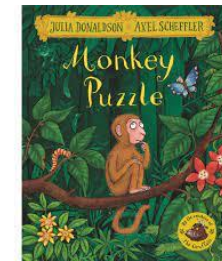
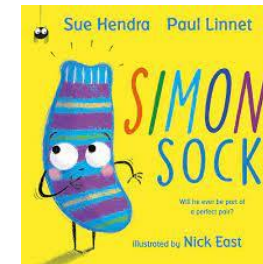
Now, Little Hedgehog has **sorted** the leaves in a different way. Look carefully at the leaves. Can you talk about how Little Hedgehog has **sorted** the leaves this time? What is the same about the leaves in each group?



Key vocabulary

Match, sort, compare, pair, same, size, shape, colour

Supporting books



Area of learning - Pattern

Knowledge

Exploring Pattern

Repeating patterns can be made using colours, shapes, objects, actions or sounds. They contain **sequences** that are repeated again and again. Talk about these **patterns** of autumn items. Can you say the patterns?



Little Squirrel has made some repeating patterns using autumnal items. Can you say the patterns? What do you think would come next in each pattern?



Little Squirrel and his friends have made a pattern. Talk about the pattern they have made. What do you notice? Is the pattern correct? How could they change the pattern so that it is correct?



Key vocabulary

Pattern, shapes, repeat, first, next, copy, same, different, repeating

Supporting books

We're Going on a Bear Hunt
Michael Rosen Helen Oxenbury



Area of learning – Positional language

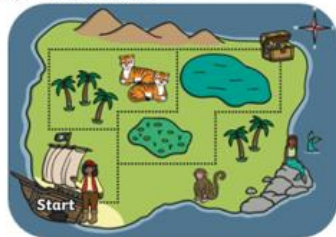
Knowledge

Positional language describes where objects are. Can you talk to me about where the worm is in each of these pictures?



What can you see on the treasure map? Where is the pirate? Where is the mermaid sitting? What is next to the palm trees?

How could the pirate get to the treasure? What might she pass? Is there more than one way to get there? Can you describe a path that will take her past the mermaid and to the treasure?



Key vocabulary

Under, over, next to, besides, underneath, around, inside, below, in front of, left, right, in between

Supporting books

