

# Diving into Mastery – Diving

## Adult Guidance with Question Prompts

Provide children with 3D shapes which they can use to test if they roll or stack. Guide children in thinking why shapes roll (they have a curved face) and stack (they have flat faces).

Do you know the names of these shapes?

What are the names of the shapes which can roll?

What are the names of the shapes which can stack?

Why do you think the shapes which can roll do so?

Why do you think the shapes which stack do so?

Are there any shapes which can both roll and stack?

What do you notice about the shapes that stack?

Are there any shapes that can only go on the top when stacking?

What do you notice about the shapes that roll?

Are there any shapes which can neither roll nor stack?

Are there any objects around the room that can roll and stack?

## Sort 3D Shapes



Sid the Snake only likes shapes which roll.

Sophie the Spider only likes shapes which stack.

Which of these shapes would Sid like?

Which would Sophie like?

Are there any shapes they will both like?

