

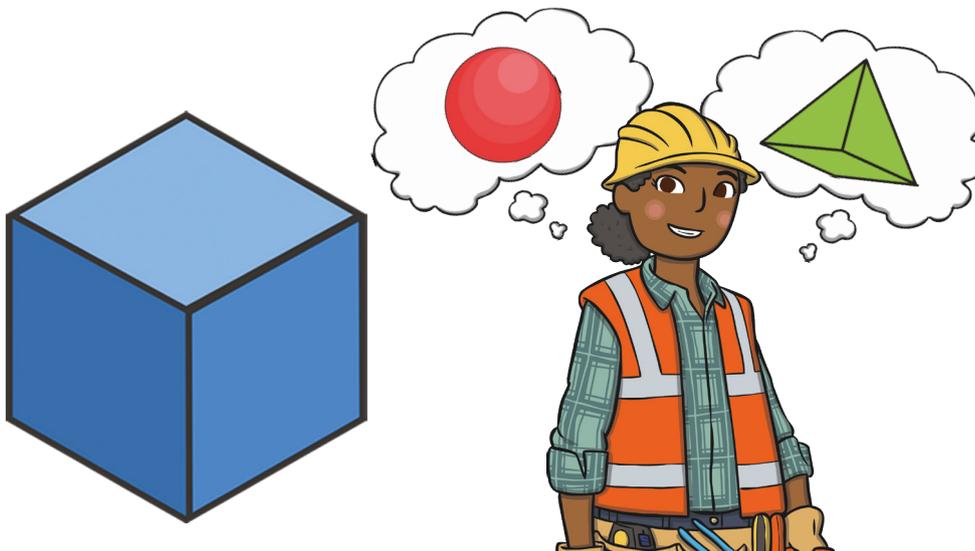
Which shapes are best?

Sid has lost his ball and needs a new one.

Look at the shapes on the table.

Which shapes would make a good ball? Which ones would not?

Can you say why?

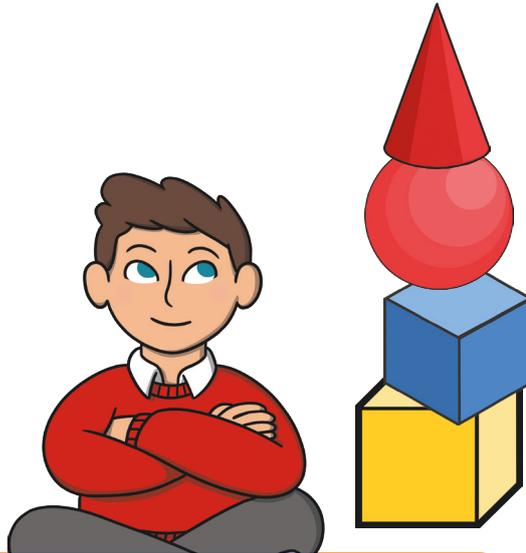


Which shapes are best?

Ava is building a house. Can you find a cube and copy her house so far?

Now, Ava needs a roof. Should she use a sphere or a pyramid?

Try them both and decide which shape is best. Why is this?



Which shapes are best?

Ben wants to build this tower.

Will it be a good tower? Can you copy it and see?

Can you build a better tower? Which shapes are best to use? Why is this?

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Learning Intention

Questions to Extend and Deepen Understanding

While the children are completing the challenge, you may wish to ask them the following questions:

- What is this shape called?
- What can you tell me about the shape?
- Why do you think this is the best shape to use?
- What might happen if I use this shape instead?
- Can you describe this shape?
- Why could you not use this shape?

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Challenge Set-Up Instructions

1. Print the three differentiated chilli challenges, or the appropriate challenge for your children.
2. Provide a selection of 3D shapes.
3. When working with the children, you may wish to use the suggested questions to extend and deepen their understanding of 3D shapes.