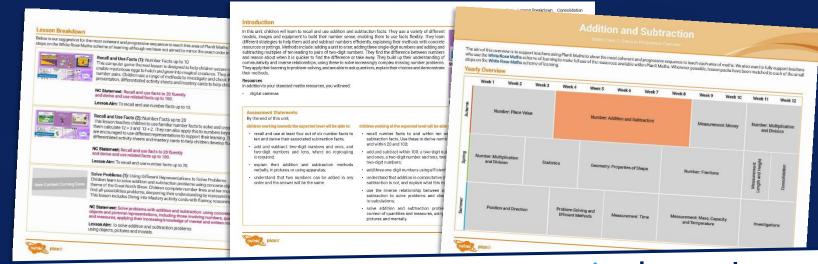


Maths Properties of Shapes

Maths | Properties of Shapes | 3D Shapes | Lesson 5 of 7: Build 3D Shapes

Need a coherently planned sequence of lessons to complement this resource?



See our Properties of Shapes Steps to Progression document.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.



Build 3D Shapes

twink



Aim

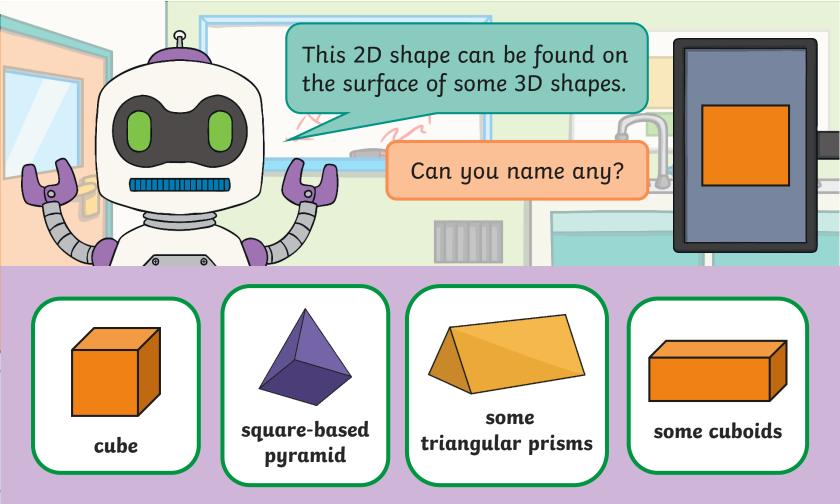
• To construct 3D shapes from 2D diagrams.

Success Criteria

- I can match 3D shapes to 2D representations.
- I can describe 3D shapes according to faces, edges and vertices.
- I can construct 3D shapes from 2D diagrams.

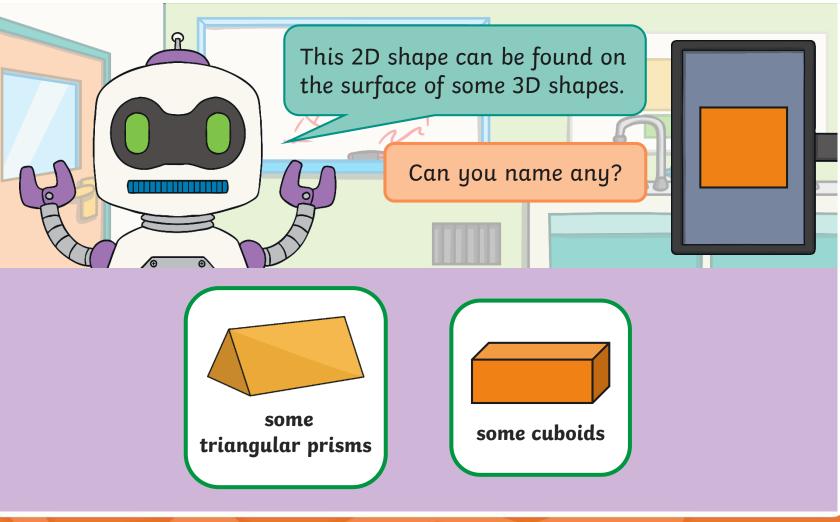
Remember It





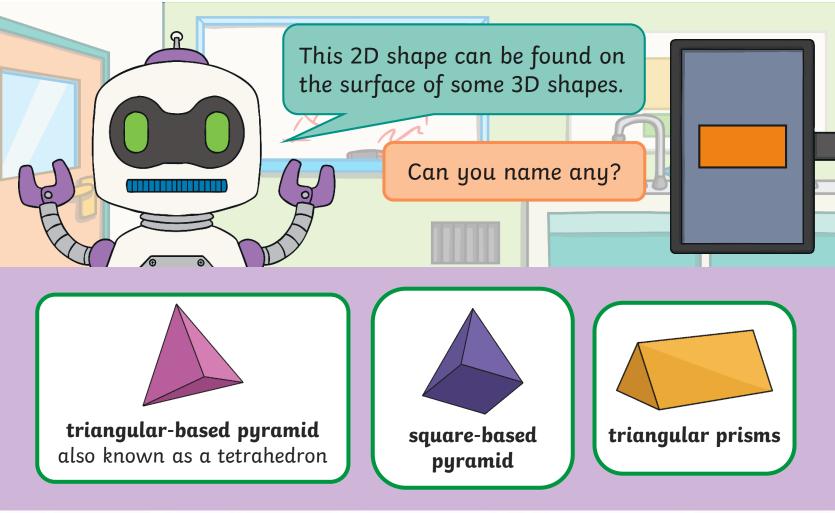
Remember It





Remember It

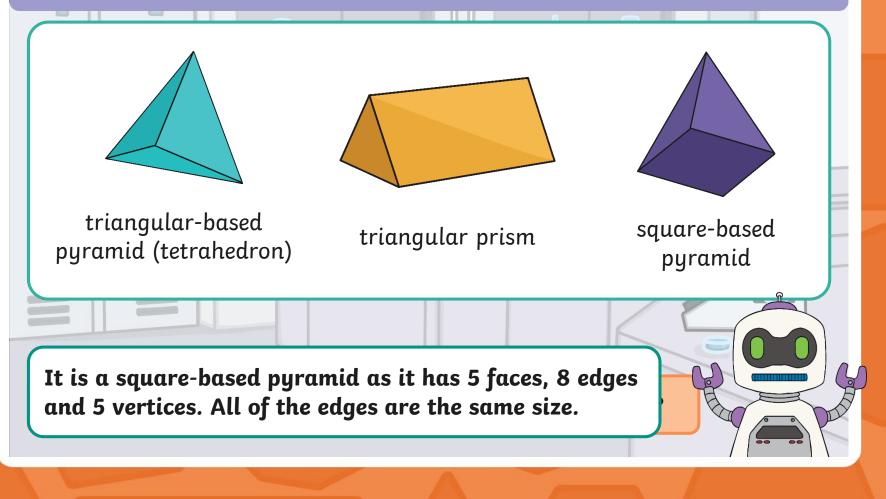






Shape Models

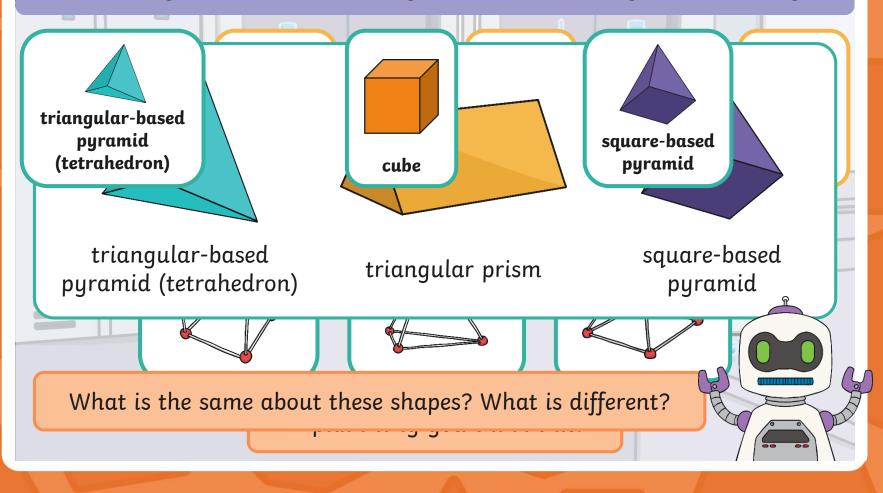
Which diagram is the same as my shape model? Can you explain why?





Shape Models

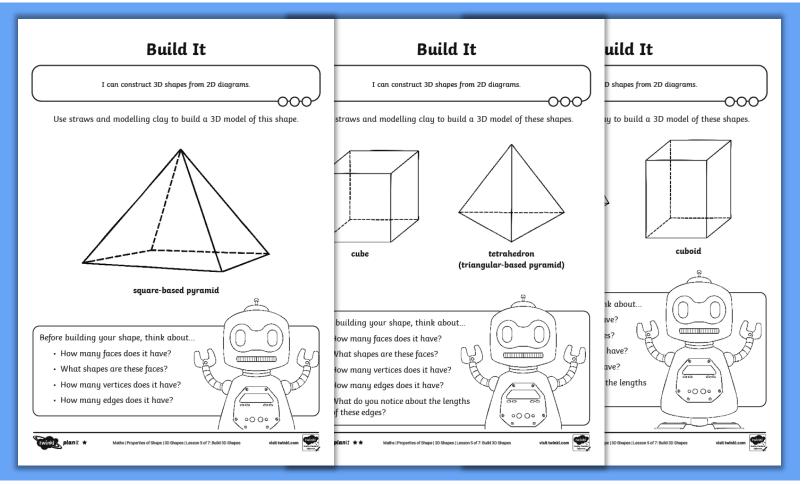
Which diagram is the same as my shape model? Can you explain why?



Build It Can you build these shapes with straws and clay? Discuss how you might do this. triangular-based pyramid triangular square-based (tetrahedron) prism cube pyramid cone sphere cuboid **Top Tips:** Build your models from the base upwards in order to make this task easier! Roll your clay into balls in order to make strong joints!

Build It

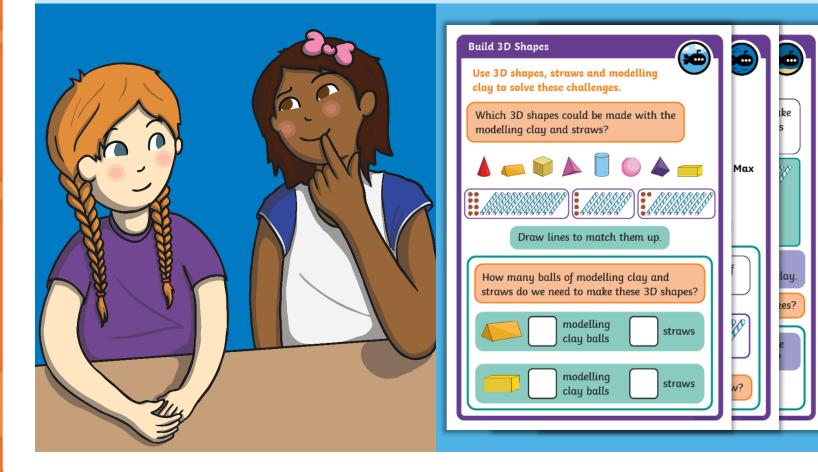




Diving into Mastery



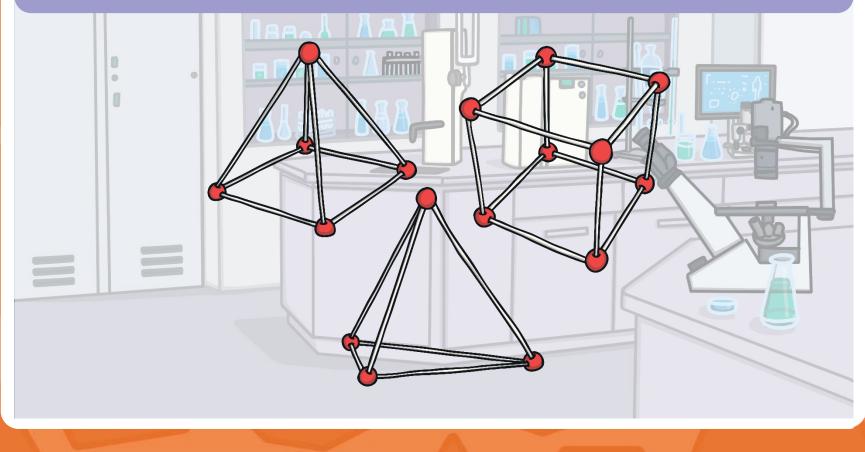
Dive in by completing your own activity!



Describe My Shape



Hide your model and describe its properties to your partner. Can they guess what you built?



Aim

• To construct 3D shapes from 2D diagrams.

Success Criteria

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