Constructing Shapes Activities
Thanks for choosing these shapes activities which focus on shapes with straight sides.

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Instructions

- Print and laminate the shapes task cards for added durability.
- **Constructing 2D Shapes** – Choose a task card and construct the shape out of materials such as craft matchsticks or popsicle sticks.
- **Constructing 3D Shapes** – Choose a task card and construct the shape out of craft matchsticks and playdough.
- **Shapes Recording Worksheets** – The task cards can be used on their own as a math center. I’ve included some worksheets too, which you can use to explore the properties of each shape. There is an additional 2D shape worksheet with the Australian spelling for “trapezium”.
- **Tracing Shapes** – I’ve included tracing shapes on the task cards so that children can draw the shapes with an erasable marker as an additional activity.

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Credits

A big thank you to these talented artists for the use of their graphics.
You may also like these activities. Click on the pictures to find out more.
Constructing Shapes

Task Cards

Construct a triangle.

Construct a rectangle.

Construct a square.
Construct a **pentagon**.

Construct a **hexagon**.

Construct an **octagon**.

Construct a **rhombus**.
Construct a **trapezoid**.

Construct a **trapezium**.

Construct a **cube**.

Construct a **rectangular prism**.
Construct a **triangular prism**.

Construct a **pentagonal prism**.

Construct an **triangular pyramid**.

Construct a **square pyramid**.
# Constructing 2D Shapes

What construction materials did you use to build the shapes?
- [ ] Matchsticks
- [ ] Popsicle sticks
- [ ] Other

<table>
<thead>
<tr>
<th>2D Shape</th>
<th>Sides</th>
<th>Corners</th>
<th>2D Shape</th>
<th>Sides</th>
<th>Corners</th>
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<tbody>
<tr>
<td>1. Square</td>
<td><img src="image" alt="Square" /></td>
<td></td>
<td>5. Pentagon</td>
<td><img src="image" alt="Pentagon" /></td>
<td></td>
</tr>
<tr>
<td>2. Triangle</td>
<td><img src="image" alt="Triangle" /></td>
<td></td>
<td>6. Hexagon</td>
<td><img src="image" alt="Hexagon" /></td>
<td></td>
</tr>
<tr>
<td>3. Rectangle</td>
<td><img src="image" alt="Rectangle" /></td>
<td></td>
<td>7. Octagon</td>
<td><img src="image" alt="Octagon" /></td>
<td></td>
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<tr>
<td>4. Rhombus</td>
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<td></td>
<td>8. Trapezoid</td>
<td><img src="image" alt="Trapezoid" /></td>
<td></td>
</tr>
</tbody>
</table>
Constructing 2D Shapes

What construction materials did you use to build the shapes?

- Matchsticks
- Popsicle sticks
- Other

<table>
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<tr>
<th>2D Shape</th>
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<td></td>
<td>8. Trapezium</td>
<td><img src="image" alt="Trapezium" /></td>
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</tr>
</tbody>
</table>
## Constructing 3D Shapes

What construction materials did you use to build the shapes?

- [ ] Matchsticks
- [ ] Playdough
- [ ] Other

<table>
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<tr>
<th>3D Shape</th>
<th>Sides</th>
<th>Corners</th>
<th>Faces</th>
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</thead>
<tbody>
<tr>
<td>1. Square pyramid</td>
<td><img src="image1" alt="Square Pyramid" /></td>
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<td></td>
</tr>
<tr>
<td>2. Rectangular pyramid</td>
<td><img src="image2" alt="Rectangular Pyramid" /></td>
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<td></td>
</tr>
<tr>
<td>3. Triangular prism</td>
<td><img src="image3" alt="Triangular Prism" /></td>
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<tr>
<td>4. Pentagonal prism</td>
<td><img src="image4" alt="Pentagonal Prism" /></td>
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<tr>
<td>5. Triangular pyramid</td>
<td><img src="image5" alt="Triangular Pyramid" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Square pyramid</td>
<td><img src="image6" alt="Square Pyramid" /></td>
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</table>

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