



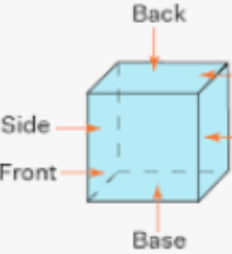
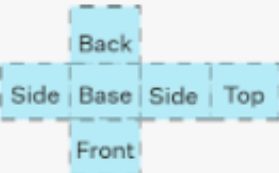
## Subject Specific Vocabulary



# Year 3 & 4 Spring Cycle A Design and Technology Structures Shell Structures Concept: Structures

<b>Shell Structure</b>	A hollow structure made from a thin outer layer.
	

<b>3D Shapes</b>	A symmetrical three-dimensional shape, either solid or hollow.
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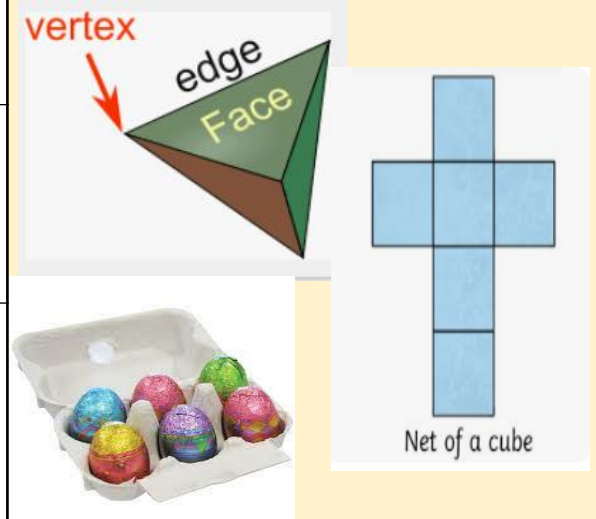
<b>A 3D net</b>	To describe what a 3D shape would like if it was opened out and laid flat.
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<b>Score</b>	Making a crease in a piece of paper so it will fold easier and in a straight line.
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Knowledge
<ul style="list-style-type: none"> <li>• Develop and use knowledge of how to construct strong, stiff shell structures.</li> </ul>

Skills
Measure the existing product (treat) and decide the size needed for the finished package (structure).

<ul style="list-style-type: none"> <li>• Develop and use knowledge of nets of cubes and cuboids and, where appropriate, more complex 3D shapes.</li> </ul>
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Use a ruler to draw out the net, remembering to include tabs for joining.
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Draw or print the design onto the outside of the packaging.
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Use a joining technique to fix the tabs to the structure.
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