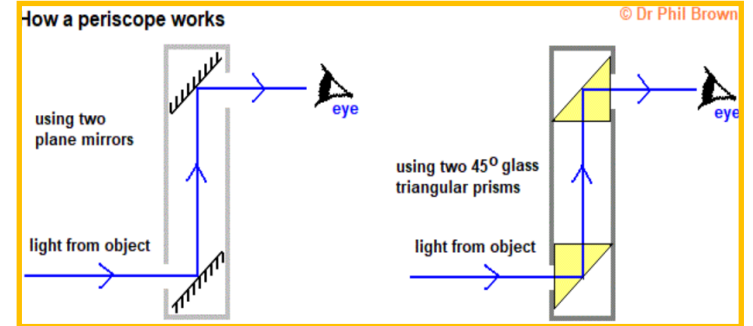


# Design Technology: Making a Periscope

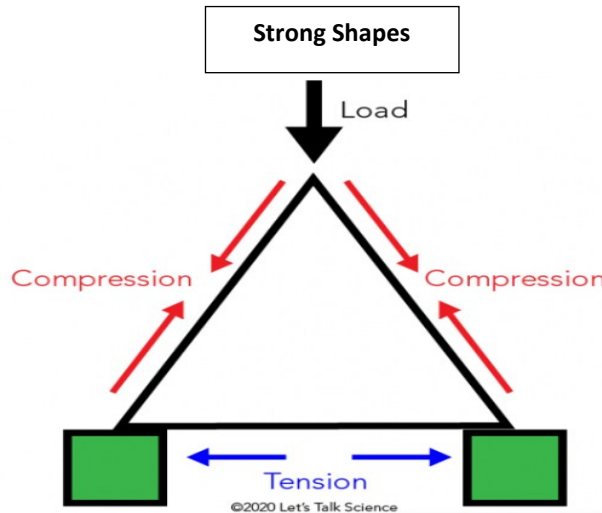
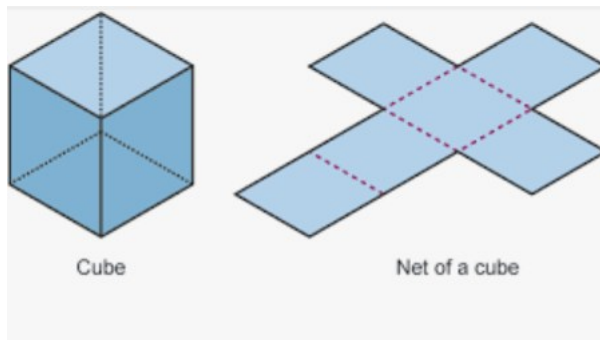
A **shell structure** is hollow. The outer layer of a shell structure is very strong, so it can stay upright. These structures can protect and contain different things. Some shell structures can also carry loads. Examples of shell structures are a turtle's shell, a hornet's nest and a goldfish bowl.



In 1854, French scientist Hippolyte Marié - Davy invented the first naval periscope, consisting of a vertical tube with two small mirrors fixed at each end at 45°.



Shell Structures can be made from **nets**.



<p>shell structure</p>	<p>manipulate</p>
<p>Net</p>	<p>cross-section</p>
<p>reinforce</p>	<p>periscope</p>

