



Attainment Band:	Knowledge and Understanding	Skills
Yellow Plus	<p>Can think of their own examples of frame and shell structures.</p> <p>Can record all the information about famous world structures in a neat presentable manner.</p> <p>Can use triangulation in their rollercoaster</p> <p>Can use columns beams and cantilevers in their rollercoaster.</p>	<p>Team leader and does most of the work in the group.</p> <p>Has designed roller coasters in 3d</p> <p>Makes high quality beams, columns and cantilevers.</p> <p>Can use scissors and tape well to create rollercoaster features</p>
Yellow	<p>Understands how frame and shell structures work and can draw them well.</p> <p>Can list the materials and country of famous world structures.</p> <p>Can use columns beams or cantilevers in their rollercoaster.</p>	<p>Makes good decisions in the team.</p> <p>Has designed rollercoasters well</p> <p>Can make a working beam, column or cantilever</p> <p>Can use scissors and tape to create the rollercoaster.</p>
Blue	<p>Can describe frame and shell structures</p> <p>Can identify famous structures around the world.</p> <p>Understands how triangulation strengthens buildings.</p> <p>Understands the difference between columns, beams and cantilevers.</p>	<p>Works well in a team</p> <p>Has designed at least 2 rollercoasters</p> <p>can cut with scissors and tape up the card bends and features</p> <p>Can write an evaluation of the project</p>
Green	<p>Can identify frames and shells</p> <p>Can identify some famous structures around the world</p> <p>Can use triangulation to strengthen rollercoaster</p> <p>Can name columns, beams and cantilevers.</p>	<p>Can do some work towards building the rollercoaster</p> <p>Has designed some rollercoasters</p> <p>Can help making the card bends and features</p> <p>Can be helped to write an evaluation of the project</p>
White	<p>Can do some of the above</p>	<p>With help can use scissors and masking tape.</p> <p>Can be helped to design</p> <p>Can be helped to contribute to building the roller coaster.</p> <p>With help can write a simple evaluation.</p>