


Building and modelling

*IMPORTANT Parent or Carer –
Check that you are happy with any weblinks or use of the internet.*

NB New activities are being added at the top of each document.

Activity 8 - Construction

Make the tallest paper cup pyramid

<p>What to do</p> <ul style="list-style-type: none">○ Set up the challenge. How tall can you build a construction using the cups?○ Explore different ways of stacking them. All facing the same way, they nest. Towers of two can be created by stacking two bases or two rims together. Is there another way?○ Allow more exploration before giving a clue, by placing two cups side by side and another on top in a pyramid shape.○ Allow your child to explore and build, experiencing the way the structure will only be sturdy if the triangle structure is kept.	<p>What you need</p> <p>10-12 paper or plastic cups</p> 
<p>Extension</p> <p>Try racing (gently) with two people building pyramids at the same time.</p> <p>Try making walls two cups high.</p> <p>Try having a wide base (4 in a square) and building up.</p>	<p>Questions to ask</p> <p>How tall do you think you can make your shape?</p> <p>How can we stop it wobbling?</p> <p>Why does it fall down?</p> <p>How can you make it sturdier?</p> <p>How tall is it now?</p> <p>How many cups did you use?</p> <p>How many cups are on the base?</p>