

WASTE INVADERS – TEACHERS' RESOURCES

Follow up:

	<u>Response</u>
<u>Group Name:</u> <u>Members of group</u>	
<u>What did you build?</u> Include small sketch	
<u>What materials were used?</u>	
<u>How much weight did your model hold?</u> <u>OR</u> <u>How tall was your structure?</u>	
<u>What problems did you have?</u>	
<u>How did you solve your problems?</u>	
<u>What would you do differently next time?</u>	

Towers of Strength

All structures have something in common, they have a shape, they will not fall apart and will support weight or forces. Towers, bridges and oil rigs are types of structure. One shape that we see often in structures is the triangle. It is a very strong shape. The Eiffel Tower is a square pyramid shape.

We can use newspaper to build model structures. Newspaper is strong when rolled tightly and fastened with a small piece of tape. Loosely rolled newspaper is weak and will not support any weight. The fibres in the newspaper soften and come apart if the paper is rolled and re rolled time and time again. For our models we want the newspaper to stay strong. After we have finished with the models we can put them in the recycle bin so nothing is wasted.