

**Subject:** Design and Technology

**Theme:** Make a jack in a box (Pneumatics)

<b>Knowledge</b>	<b>Skills</b>	<b>Vocabulary (Top 20)</b>
<ul style="list-style-type: none"> <li>Understand and use pneumatic mechanisms</li> <li>Know and use technical vocabulary relevant to the project</li> </ul>	<ul style="list-style-type: none"> <li>Select and use appropriate tools with some accuracy to join and cut materials and components such as syringes, balloons and tubing</li> <li>Select from and use finishing techniques suitable for the product they are creating</li> </ul>	<ul style="list-style-type: none"> <li>deflate</li> <li>ideas</li> <li>inflate</li> <li>investigate</li> <li>movement</li> <li>pump</li> <li>research</li> <li>evaluate</li> <li>fixing</li> <li>function</li> <li>pressure</li> <li>process</li> <li>seal</li> <li>air-tight</li> <li>component</li> <li>compression</li> <li>control</li> <li>input</li> <li>output</li> <li>pneumatics</li> </ul>



**Love**



**Friendship**



**Compassion**



**Community**



**Trust**



**Forgiveness**

*"Let all that you do be done in love." 1 COR 16:24*  
*Do all the good you can.... John Wesley*