Air Pressure and Weather

1. Complete the following sentences.

Low pressure occurs where air is __________, forming clouds, rain and __________ conditions. The lower the pressure, the __________ the weather will be.

High pressure occurs where air is __________, so there are very few clouds. High pressure in the summer brings clear skies, high temperatures and __________. Evenings are __________ owing to the lack of clouds.

High pressure in the winter brings __________, bright days and freezing night time temperatures. __________ is common.

windsy  stormier  cold  sinking  cooler  frost  rising  sunshine

2. You are going on a camping trip in July. The weather forecast shows an area of high pressure. Make a list of five items you should pack to cope with the weather.

3. You are on a school trip. The weather forecast shows an area of low pressure. Write a postcard home describing what the weather is like and whether it has affected your activities.

<table>
<thead>
<tr>
<th>postcard</th>
<th>postcard</th>
<th>postcard</th>
<th>postcard</th>
<th>postcard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Air Pressure and Weather Answers

1. Low pressure occurs where air is rising, forming clouds, rain and windy conditions. The lower the pressure, the stormier the weather will be.

High pressure occurs where air is sinking, so there are very few clouds. High pressure in the summer brings clear skies, high temperatures and sunshine. Evenings are cooler owing to the lack of clouds.

High pressure in the winter brings cold, bright days and freezing night time temperatures. Frost is common.

2. Camping list suggestions
   • Sun cream
   • Sunhat
   • Swimsuit
   • Shorts and t-shirt
   • A warm jumper for the evenings
   • Water
   • An extra blanket for night time

3. Postcard should include a description of wet and windy weather. The weather may have caused activities to be cancelled or resulted in wet clothing!