Worksheet: Hills and Mountains

1. Any large landform rising above its surroundings is called a hill or a mountain, depending on its height. Usually, land forms of less than 600 metres are called hills while those above 600 metres are called mountains. The classification of mountains and hills are based on various criteria like elevation, volume, steepness, spacing, etc. Research and summarize the different ways of classifying such land forms into hills and mountains.
2. Write a brief note on a hill or mountain nearest to your city, town, or village. The note should contain some history and facts about the hill or mountain and have its name and height.
3. Study the geographical map of your state and make a list of the hills and mountains in your state.

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of the mountain/ hill</th>
<th>Height (m)</th>
<th>Location</th>
<th>Historical importance</th>
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4. Have you ever heard of the mountain *Olympus Mons*? It is the highest known mountain in the solar system. Research and write a brief note on it.

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5. In the space given below, write the name of all the mountains whose height is over eight thousand feet. Is there a common name given to such mountains?

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6. a. Make a pie-chart showing the total area on earth covered by land, water and hills and mountains.

b. Make a pie-chart which represents the total area of India covered by land, water and hills and mountains.
c. Make a pie-chart showing the total area your state covered by land, water and hills and mountains.

7. Mountains and hills have played a very important role in wars. Research and complete the table below:

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<tr>
<th>Sr. No</th>
<th>Name of the King</th>
<th>Mountain or Hill associated with the King</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Shivaji</td>
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<td>2.</td>
<td>Maharana Pratap</td>
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<td>3.</td>
<td>Hyder Ali</td>
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<td>4.</td>
<td>Tipu Sultan</td>
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<td>5.</td>
<td>Akbar</td>
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<td>6.</td>
<td>Ghajni Mohammad</td>
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<td>7.</td>
<td>Alexander</td>
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<td>8.</td>
<td>Prithviraj Chauhan</td>
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<td>9.</td>
<td>Jahangir</td>
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<td>10.</td>
<td>Krishnaraja Odeyar</td>
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8. Artists use living and non-living objects and icons to express their creativity. For example, Makbul Fida Hussain has used horses in his paintings. Research and write some names of singers, poets, writers, film-makers etc., whose works are based on and involve hills and mountains.
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9. Did you know that 80% of the population living on mountains are below poverty line? Research and write at least 20 facts related to hills and mountains.
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10. What role do mountains and hills play in the climate of the earth? Will the climate affected by the lack of hills and mountains?
11. Write a brief note on what the earth will look like if there are no hills and mountains.

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12. Put your thinking cap on and think about how life on earth will be affected if there are no hills and mountains.

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