

## Wind

### Note-taking Guide - Answer Key

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*strong, cool air, light, points, wind speeds, weather, direction,  
moderate, evenly, calm, compass, windsock, warmer*

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Wind is caused because the Sun does not heat the surface of Earth evenly.

For example, during the day, the air above land is warmer than the air above water.

Warm air rises and cool air moves in to take its place, resulting in wind.

To tell the direction of wind, we can observe the direction in which leaves are being blown.

A more accurate way to tell the direction of the wind is to use a windsock. A windsock points in the direction in which the wind is blowing.

We can then use a compass to determine the direction of the wind—north, south, east, or west.

We can describe wind speeds as calm, light, moderate, or strong.

If you see smoke blowing straight up, the wind speed is said to be calm.

If the leaves in trees rustle and you can feel the wind on your face, the wind speed is light.

If the wind makes flags flap, the wind speed is moderate.

If large branches bend and umbrellas turn inside out, the wind speed is really strong.

Wind is part of the weather. Weather is what the air is like at a given place or time.