# **Waves & Currents**



A wave carries energy on the ocean's surface. Waves can be big, like tsunamis, or small. The current is the constant movement of the water in the ocean, and there are different kinds of currents, defined by their characteristics and locations.



# Key vocabulary

#### wave

A moving ridge on the surface of water.

## current

The movement of water in a river or on an ocean.

## coriolis effect

The effect caused by the Earth turning on its axis that causes falling objects to move rightward in the northern hemisphere and leftward in the southern hemisphere.



## Related articles



## The Water Cycle

You probably see rain or snow all the time, but do you know how water gets back up into the sky? The water cycle makes sure water gets where it needs to go.



## Tides

The ocean does not always stay the same depth. Sometimes it is deep, and others times it becomes shallow. Do you know why?



# Air Pressure & Wind

Why is wind so powerful if you cannot even see it? Everything from a breeze to a hurricane is caused by air pressure.



## Weather & Climate

Want to know whether to take along your umbrella? Consult the weather. But then, what is climate for? We are here to tell you!



## The Ocean Floor

You might have thought Mount Everest was the Earth's tallest mountain, but that is not quite true. The Earth's tallest mountains and deepest valleys are all beneath the ocean's surface!