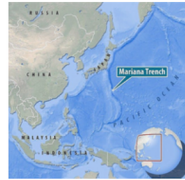


# Mariana Trench

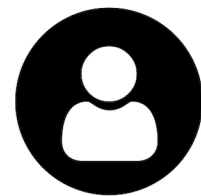
## Fun facts for kids



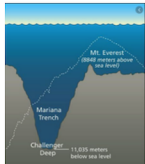
The Mariana Trench is the deepest part of the ocean, reaching about 36,070 feet deep.



The Mariana Trench is located in the western Pacific, east of the Mariana Islands near Guam.



The trench is named after the nearby Mariana Islands, which are part of Guam, a US territory.



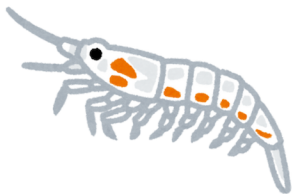
It holds the record for the greatest oceanic depth and is deeper than Mount Everest is tall.



The pressure at the bottom of the Mariana Trench is over 1,000 times greater than at the surface.



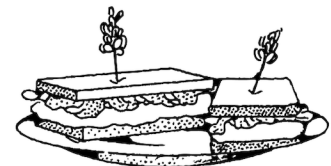
Despite its proximity to the equator, the water at the bottom of the trench is near freezing temperatures.



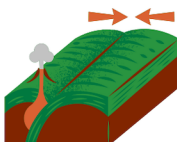
The Mariana Trench hosts unique marine life, adapted to its harsh conditions.



The trench contains rare geological features such as hydrothermal vents.



The Mariana Trench lies at the boundary of the Pacific Plate and the smaller Mariana Plate.



The Mariana Trench is a classic example of a subduction zone, where one tectonic plate slides beneath another, forming deep oceanic trenches.



The Mariana Trench has been explored by numerous scientific expeditions, despite its extreme depths.



James Cameron's 2012 dive to the Mariana Trench's bottom in the Deepsea Challenger was the first solo descent to the Challenger Deep.