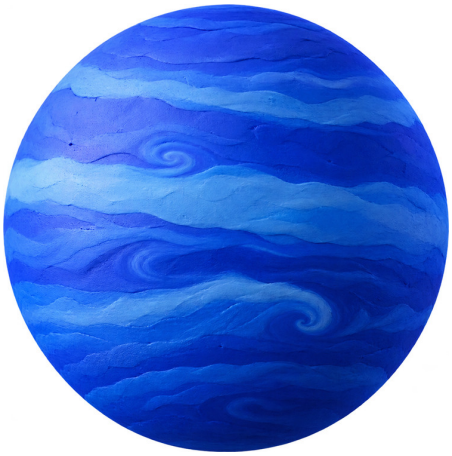
Neptune

Neptune, the Windiest World



165

Earth years for one orbit



Bea's forecast: hold on to your hat!

The farthest planet

Neptune is the farthest of the eight planets from the Sun.

Wild winds

Winds in its atmosphere can race at more than 2,000 kilometres per hour.

A cold blue world

Neptune is an ice giant. It has no solid surface for Bea to stand on.

A very long year

It takes about 165 Earth years to complete one orbit.

FORECAST A prediction of what the weather may be like.

Bea asks

What blows away in Bea's weather show?

○ Her hat ○ Her shoes

Can you find the little clay fish on this page?

Facts: NASA | science.nasa.gov/neptune/neptune-facts/

Story artwork; pictures and diagrams are not to scale.

Neptune: your mission

Use a pencil or crayons. You can tell an answer instead of writing it.

Make Bea's weather report

Draw windy clouds, a hat and arrows showing the wind. Tell your forecast to someone in your best weather-presenter voice.

NEPTUNE WEATHER

Read together: Make a tiny wind

Wind is moving gas. Gently blow a scrap of paper across a table, then draw an arrow showing its direction. Bea's fan and flying notes are story props. Neptune has no solid surface to walk on, and its real winds are much stronger.

Which trip takes longer?

Uranus takes about 84 Earth years to orbit the Sun. Neptune takes about 165. Which takes longer?

Extra challenge: 165 - 84 = _____ more Earth years.

For grown-ups: Her hat. Neptune takes longer, by about 81 Earth years. The fan and flying hat are story props; Bea is not standing on Neptune.

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