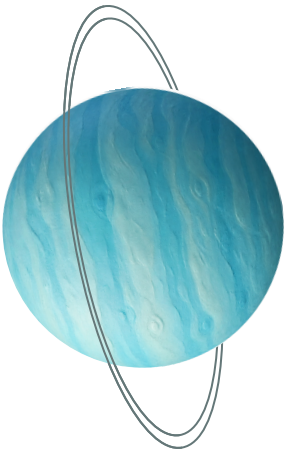
Uranus

Uranus Spins Tipped on His Side



84

Earth years for one orbit



A sideways spin and delicate rings.

A sideways spinner

Uranus is tilted so far over that it spins almost on its side.

Pale blue-green

Methane gas in its atmosphere helps give it its colour.

Very faint rings

Uranus has thin, dark rings. They are much harder to see than Saturn's.

A slow trip

One orbit of the Sun takes about 84 Earth years.

AXIS An imaginary line through a spinning world's centre.

Bea asks

How does Uranus spin?

○ Almost on its side ○ It never spins

Can you find the little clay fish on this page?

Facts: NASA | science.nasa.gov/uranus/facts/

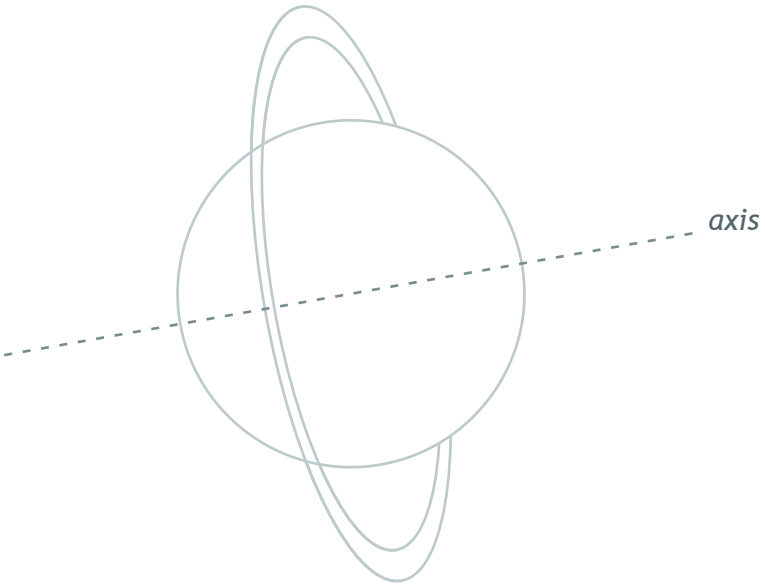
Story artwork; pictures and diagrams are not to scale.

Uranus: your mission

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

Draw a sideways world

The dashed line is the spin axis. Colour Uranus blue-green and trace the thin ring lines with a light touch.



Read together: A tilted ice giant

Uranus keeps its tilted spin axis pointing roughly the same way as it travels around the Sun. Its rings lie around its equator, so they are tilted too. An ice giant has hot, dense fluid deep inside; it is not an icy floor.

Count a very long year

Bea draws one star for every Earth year in Uranus' orbit. She has drawn 80 stars. How many more make 84?

80 + _____ = 84

For grown-ups: Almost on its side. 4 more stars. The drawing is a simplified view, not an exact model. Uranus is an ice giant, not a solid ball of ice.

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