PLANETS FOR KIDS · TEACHER HUB

# PLANET FACT SHEET

COMPARE ALL 8 PLANETS AT A GLANCE

AGES 5–12

| PLANET | SIZE | YEAR LENGTH | DAY LENGTH | TEMPERATURE | MOONS | COOL FACT |
|---|---|---|---|---|---|---|
| MERCURY<br>*1st from the Sun* | Smallest planet | 88<br>EARTH DAYS | ~2<br>EARTH MONTHS | Boiling hot OR freezing cold | 0<br>MOONS | *Has ice in its shadowed craters!* |
| VENUS<br>*2nd from the Sun* | Almost Earth's size | 225<br>EARTH DAYS | 243<br>EARTH DAYS * | Hottest planet — 464°C | 0<br>MOONS | *Spins backwards compared to Earth!* |
| EARTH<br>*3rd from the Sun* | Our home planet | 365<br>DAYS (1 YEAR!) | 24<br>HOURS | Just right for life | 1<br>MOON | *The only planet with liquid water on its surface!* |
| MARS<br>*4th from the Sun* | Half the size of Earth | ~2<br>EARTH YEARS | 24h<br>ABOUT EARTH TIME | Cold desert — about −63°C | 2<br>MOONS | *Home to the tallest volcano in the solar system!* |
| JUPITER<br>*5th from the Sun* | BIGGEST planet | 12<br>EARTH YEARS | 10<br>EARTH HOURS | Freezing — about −110°C | 101<br>MOONS | *Has a storm bigger than Earth — the Great Red Spot!* |
| SATURN<br>*6th from the Sun* | Famous for its rings | 29<br>EARTH YEARS | 11<br>EARTH HOURS | Freezing — about −140°C | 292<br>MOONS | *So light it would float in a giant bathtub!* |
| URANUS<br>*7th from the Sun* | Four times Earth's size | 84<br>EARTH YEARS | 17<br>EARTH HOURS | Super cold — about −195°C | 28<br>MOONS | *Spins on its side — like a rolling ball!* |
| NEPTUNE<br>*8th from the Sun* | Farthest from the Sun | 165<br>EARTH YEARS | 16<br>EARTH HOURS | Coldest planet — about −200°C | 16<br>MOONS | *Has the fastest winds in the solar system — 2,100 km/h!* |

## ★ TRY THIS WITH YOUR CLASS!

### SPOT THE PATTERNS

Which planets are smaller than Earth? Which are bigger? Find the rocky planets vs the gas giants.

### BRAIN-TEASER

One planet has a day that's LONGER than its year! Can you find it? (Hint: it's the second one.)

### YOU DECIDE

If you could visit any planet for one day, which would it be — and what would you bring? Draw or write your answer!



A "year" is one trip around the Sun · A "day" is one full spin · Moon counts current as of April 2026