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