

Name: Answer Key Period: _____ Date: _____

OUT OF THIS WORLD!

RESEARCH A PLANET AND BE READY TO SHARE!



Planet Appearance: Draw it!

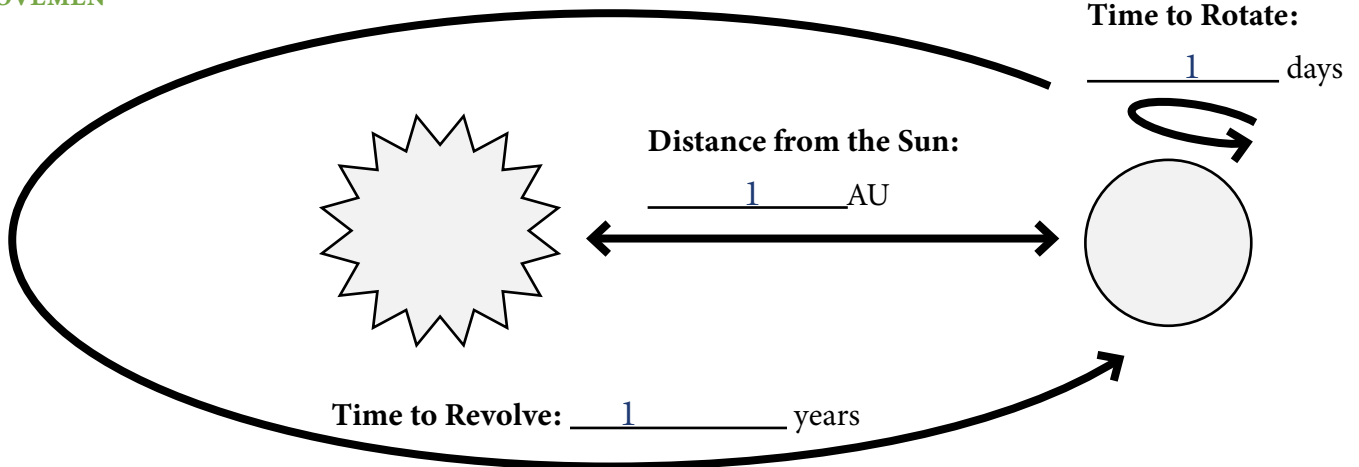
PLANET: **EARTH!**

DISCOVERY

When: n/a Who/How: We live here!

How was it named? The name Earth comes from the German word for "ground."

MOVEMENT



FEATURES

Atmosphere Gases: 78% nitrogen, 21% oxygen

Atmosphere Temperature: 15 °C

Surface Features: Mountains and valleys, volcanoes and oceans

Structure: Iron and nickel core; silicon crust

FAST FACTS

Mass: 5.97 x 10²⁴ kg

Diameter: 6780 km

Gravity: 9.8 m/s²

FUN FACTS Earth's moon formed when a chunk of rock crashed into the Earth.



Name: _____ Period: _____ Date: _____

OUT OF THIS WORLD: SUMMARY

COMPARE EACH PLANET TO EARTH IN THE CHART.

Circle the appropriate symbol or description. Use = if the planet is about equal to Earth, - for a lot less, - for less, + for more, or + for a lot more. Briefly list why a planet is or is not able to support life.

Planet	Distance to the Sun	Time to Revolve	Size (Diameter)	Gravity	Surface	Able to Support Life? Why?
Mercury	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Venus	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Earth	1 AU	1 year	12,472 km	9.8 m/s ²	Rock Solid	Yes
Mars	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Jupiter	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Saturn	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Uranus	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No
Neptune	- - = + +	- - = + +	- - = + +	- - = + +	Rock Solid / Gas & Ice	Yes / No