

Outside the Solar System ::|·

**astronaut**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

someone trained to  
travel and perform  
tasks in space

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**astronomer**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a scientist who studies  
planets, stars, galaxies,  
and other objects  
in space

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**big bang theory**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a theory that suggests  
that the universe began  
from a single, enormous  
explosion and is still  
expanding

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

# black hole

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a region of space with  
a gravitational field so  
intense that nothing can  
escape it

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# cluster

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a close group of  
similar objects

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# constellation

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a group of stars that  
forms a shape and is  
named for that shape

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

**cosmologist**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a scientist who studies  
the origin and structure  
of the universe

 **Science a-z.com** DEFINITION CARD



Outside the Solar System :

**cosmos**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System :

the whole universe

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**deep space**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the open areas between  
solid bodies in the  
universe beyond  
the solar system

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

# elliptical galaxy

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

an oval-shaped galaxy

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# exoplanet

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

any planet that exists  
outside the solar system

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# galaxy

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a large collection of  
planets, gas, dust,  
and millions or billions  
of stars, bound together  
by gravity

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

# gravity

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the force that draws  
objects toward the  
center of Earth or any  
other large celestial body

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# irregular galaxy

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a galaxy without  
a regular shape

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# life cycle

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the stages of change  
that something goes  
through as time passes

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

# light-year

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a unit of distance in astronomy equal to the distance that light travels in one year

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# luminosity

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a measure of the amount of radiating or reflected light coming off a star or other celestial object; brightness

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# mass

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the measure of the amount of matter in an object

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

**matter**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

anything that takes up  
space and has weight

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**Milky Way Galaxy**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the galaxy that includes  
the Sun and the  
solar system

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**nebula**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a region or cloud of  
interstellar dust and  
gas appearing as a  
bright or dark patch

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

**orbit**

*(verb)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

to revolve around  
another object

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**planet**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a celestial body in  
orbit around a star

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**solar system**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a star and the  
celestial bodies that  
revolve around it;  
a planetary system

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**spacecraft**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a vehicle used for  
traveling in space

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**spiral galaxy**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a galaxy with curved  
arms that extend from  
a central axis

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

**star**

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

a body in outer space,  
made of hot gases, that  
shines in the night sky

 **Science a-z.com** DEFINITION CARD

Outside the Solar System ::|·

# supernova

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

the death explosion of a massive star, resulting in a sharp increase in brightness followed by a gradual fading

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# telescope

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

an instrument used to make distant objects look closer

 **Science a-z.com** DEFINITION CARD



Outside the Solar System ::|·

# universe

*(noun)*

 **Science a-z.com** WORD CARD

Outside the Solar System ::|·

all things that exist in space

 **Science a-z.com** DEFINITION CARD