

# Science Homework

Sections 5A, B, C, D, & E

September 18-22, 2023

Day	Homework
Monday	<ul style="list-style-type: none"><li>Topic 1a Working Like a Scientist Test, tomorrow, Tuesday 9/19</li><li>Review your notes (pages 5-10 of your science notebook), vocabulary (Quizlet), and resources in <i>Archie under Science Resources</i></li></ul>
Tuesday	<ul style="list-style-type: none"><li>Topic 1a Working Like a Scientist Test</li><li>No homework</li></ul>
Wednesday	<ul style="list-style-type: none"><li>Page 1-3: Vocabulary Matching</li></ul>
Thursday	<ul style="list-style-type: none"><li>Page 4: Moon Phases</li></ul>
Friday	<ul style="list-style-type: none"><li>No Homework! Enjoy your weekend 😊</li></ul>

## Reminders

- HW due Tuesday, 9/26
- Topic 1a Working Like a Scientist Test, Tuesday 9/19
- Study for your test on Tuesday
- HW may be completed on iPads & uploaded to Archie OR printed packet may be turned in.

[Topic 1a Working Like a Scientist Vocabulary Quizlet](#)



## VOCABULARY

galaxy  
Milky Way  
star  
solar system  
sun  
planets  
inner planets  
outer planets  
moons  
asteroids  
meteoroids  
comets  
telescope  
rotation  
axis  
revolution  
orbit

[Topic 1b Solar System Vocabulary Quizlet](#)



Name: \_\_\_\_\_

Score: \_\_\_\_\_

## 21 Matching questions

the movement of a celestial body around another celestial body, for example "the revolution of the Earth around the Sun"

a huge group of single stars, star systems, star clusters, dust, and gas bound together by gravity

large planets made of gas and ice, with numerous moon, that orbit the sun, farther than the inner planets, including Jupiter, Saturn, Uranus, & Neptune

the star at the center of our solar system that supplies heat and light to Earth; its enormous gravity keeps the solar system in orbit

a natural object in space, such as the sun, moon, a planet, or a star

rocky metallic objects that orbit the sun but are too small to be considered planets

much smaller bodies than asteroids, moving in the solar system, that would become meteors if they entered the earth's atmosphere

**A.** celestial body 1 of 21

**B.** tilt

**C.** asteroid belt

**D.** outer planets

**E.** telescope

**F.** rotation

**G.** asteroids

**H.** universe

**I.** comets

**J.** orbit

**K.** inner planets

**L.** solar system

**M.** stars

**N.** moons

**O.** revolution

**P.** sun

**Q.** galaxy

**R.** axis

a device built to observe distant objects by making them appear closer

**S.** planets

**T.** meteoroids

**U.** Milky Way

space and all the matter and energy in it

the region of the solar system between the orbits of Mars and Jupiter, where many asteroids are found

the sun, the eight planets and their moons in orbit around the sun, together with asteroids, meteoroids, and comets

small celestial bodies that orbit planets

the spinning motion of a planet on its axis

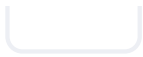
a large spiral galaxy that is home to Earth and the rest of our solar system, and about a trillion stars

a celestial body moving in an elliptical orbit around a star

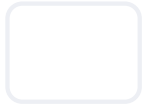
a sloping position or movement

balls of hot gas, primarily hydrogen and helium, that emit, or give off, light

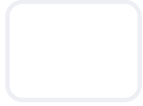
balls of ice, rock, and dust in space with a tail, that



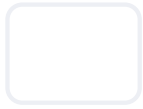
orbit the sun



the path of an object as it revolves around another object in space



an imaginary line that passes through Earth's center and the North and South poles, around which Earth rotates



small, rocky planets, with limited or no moons, that orbit closest to the sun including Mercury, Venus, Earth, & Mars



### Vocabulary Matching:

Match the word to its definition!

- |                         |  |
|-------------------------|--|
| 1. <b>waxing</b> ____   | a. phases where less than half of the moon is lit  |
| 2. <b>crescent</b> ____ | b. phases where half of the moon is lit  |
| 3. <b>gibbous</b> ____  | c. group of phases where the light is increasing and the light is on the right side of the moon. |
| 4. <b>quarter</b> ____  | d. phases where more than half of the moon is lit  |
| 5. <b>waning</b> ____   | e. group of phases where the light is decreasing and the light is on the left side of the moon.  |

### Label the Phases!

Label each phase of the moon by using the phases in the box.

Note: Some of the phases will not be used!

new moon	full moon	first quarter	third quarter
waning gibbous	waxing gibbous	waning crescent	waxing crescent



### Order the Phases

Using the phases in the box above, fill in the blanks below to put the phases in the correct order! (# 11 - 14 ) Follow the arrows!

