

## Monday

- Watch Video: Why Are Stars Different Colors?  
Star Gazers  
and complete  
"Star Colors"  
Worksheet  
on pg. 2

## Tuesday

- Complete Star Life Cycle in notebooks.
- Check out the link below that compares the size of everything!
- Click "English (US)" then "Start" The Scale of the Universe

## Wednesday

- Complete "Our Solar System" Crossword Puzzle on pg. 3
- Complete Solar System Labeling on pg.4

## Thursday

- Visit links below and complete IXL skills
- Use same IXL login as for math class.  
Earth's Rotation & Orbit IXL  
  
Seasons IXL  
  
Day and night IXL

**NO HOMEWORK FRIDAY!!  
ENJOY YOUR WEEKEND :)**

## Reminders

- Galaxies and Stars Quiz Tuesday 9/24
- HW Packet due 9/29 at 11:59pm
- Open House 9/24, 6-8pm

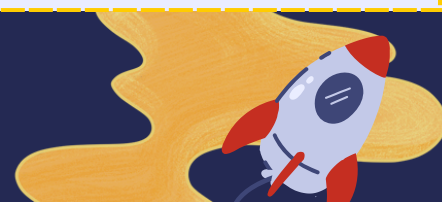
**Topic 1b Vocabulary Quizlet**

# Star Colors



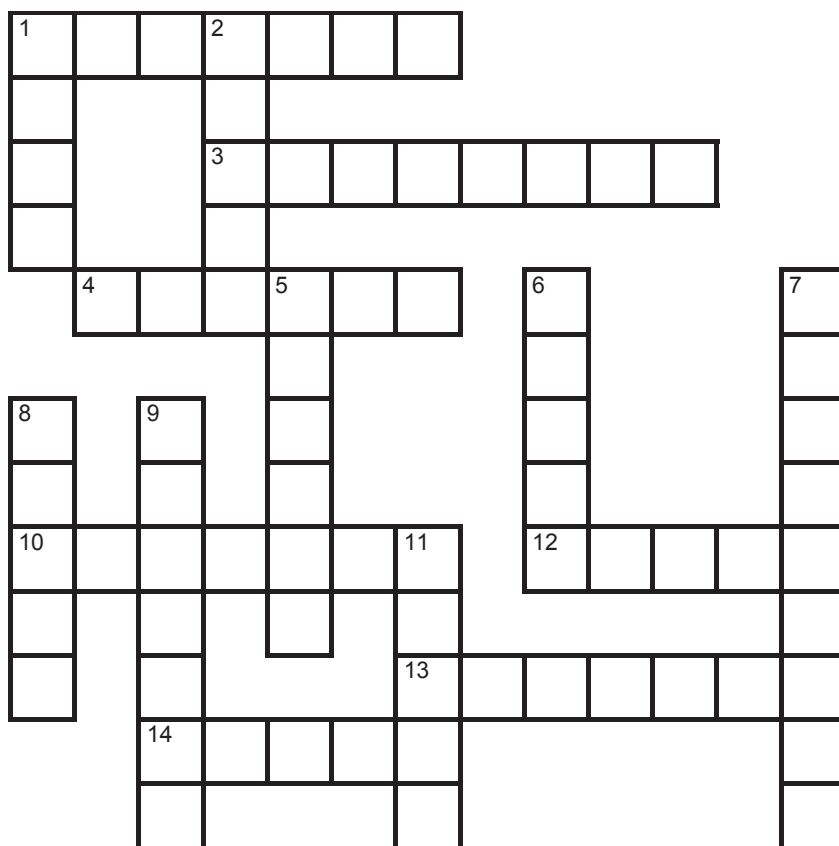
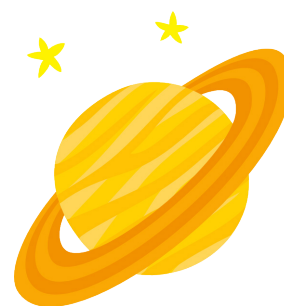
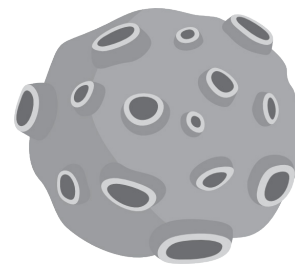
## Star Colors Comprehension Questions

1. What color does the sun appear to be when viewed from Earth?
  - a. Blue
  - b. Yellow
  - c. White
  - d. Red
  
2. What type of star is Betelgeuse described as?
  - a. Blue supergiant
  - b. Red giant
  - c. Yellow dwarf
  - d. White dwarf
  
3. How much larger is Rigel compared to the sun?
  - a. 50 times
  - b. 70 times
  - c. 100 times
  - d. 1,000 times
  
4. Which star is mentioned as being one of the brightest in the night sky?
  - a. Betelgeuse
  - b. Spica
  - c. Vega
  - d. Rigel
  
5. What is the surface temperature of Rigel?
  - a. 3,000 Kelvin
  - b. 6,000 Kelvin
  - c. 11,000 Kelvin
  - d. 20,000 Kelvin



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

# Our Solar System



## ACROSS

1. Closest planet to the sun.
3. Name for our galaxy.
4. Planet surrounded by a system of rings reaching into space thousands of kilometers.
10. Planet that is the furthest away from the sun but still in our solar system.
12. Path taken by a planet.
13. Famous Italian astronomer who played a

major role in the scientific revolution.

14. Third planet from the sun.

## DOWN

1. Planet with many massive volcanoes.
2. Small body of ice, dust and particles that orbits the sun.
5. Only planet in our solar system that rolls like a barrel instead of spinning

on its axis.

6. Since 2006 astronomers consider this celestial body a dwarf planet rather than a planet.
7. Last name of the first man to step on the moon.
8. The hottest planet in our solar system.
9. Largest planet in our solar system.
11. The number of planets in our solar system.

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

**Directions:** Label the major bodies in our solar system using the word bank below.

