

Welcome to Mr. King's  
class.

LEARN



# Galaxies

# Planets and Our Solar System

# The Sun and Stars

# States of Matter

# Asteroids, Meteoroids, and Space Facts

# Introduction to Earth Science





# Jeopardy

Galaxies	Planets And Our Solar System	The Sun And Stars	States of Matter	Asteroids, Meteoroids , and Space Facts	Introduction To Earth Science
100	100	100	100	100	100
200	200	200	200	200	200
300	300	300	300	300	300
400	400	400	400	400	400
500	500	500	500	500	500

Final Jeopardy

# \$100 Galaxies Question

A grouping of billions of stars is called a \_\_\_\_\_.

(Question 42)

# **\$100 Galaxies Answer**

**Galaxy**

**Return**

# **\$200 Galaxies Question**

**List 4 different types of galaxies.**

**(Question 43)**

# **\$200 Galaxies Answer**

**Elliptical**

**Spiral**

**Spiral Barred**

**Irregular**

**Return**

# **\$300 Galaxies Question**

**What type of galaxy is the Milky Way galaxy (our galaxy)?**



**\$300 Galaxies Answer**

**Spiral**

**Return**

# **\$400 Galaxies Question**

**Draw the difference between  
a spiral and spiral barred  
galaxy.**

**(Question 45)**

# \$400 Galaxies Answer



**Return**

# **\$500 Galaxies Question**

**Draw an  
E4 Galaxy**

# \$500 Galaxies Answer



**Return**



# **\$100 Planets and Our Solar System Question**

**Planets that are small, have  
few or no moons, and  
made of rocky material.**

**(Question 30)**

# **\$100 Planets and Our Solar System Answer**

## **Terrestrial**

**Return**

# **\$200 Planets and Our Solar System Question**

**The biggest planet in our  
solar system?**

# **\$200 Planets and Our Solar System Answer**

**Jupiter**

**Return**

# **\$300 Planets and Our Solar System Question**

**Even though Gas Giants are  
bigger in size, why are  
they less dense than  
terrestrial planets?**

**(Question 29)**

# **\$300 Planets and Our Solar System Answer**

**Composed of Gas**



**Return**

# **\$400 Planets and Our Solar System Question**

**List the planets in order.**

**(Question 28 & 30)**

# **\$400 Planets and Our Solar System Answer**

**Mercury**

**Venus**

**Earth**

**Mars**

**Jupiter**

**Saturn**

**Uranus**

**Neptune**

**Return**

# **\$500 Planets and Our Solar System Question**

**Why do the terrestrial  
planets have few or no  
moons?**

**(Question 31)**

# **\$500 Planets and Our Solar System Answer**

**The Sun's gravity absorbed  
them**

**Return**

# **\$100 The Sun and Stars Question**

**What are the two main  
elements in the core of  
stars?**

**(Question 40)**



**\$100 The Sun and Stars**

**Answer**

**Hydrogen**

**And**

**Helium**

**Return**

# **\$200 The Sun and Stars Question**

**What process turns  
hydrogen into helium in  
the core of stars?**

**(Question 33)**

**\$200 The Sun and Stars**

**Answer**

**fusion**

**Return**

# **\$300 The Sun and Stars Question**

**What is the final stage of a  
Massive star.**

**(Question 39)**

**\$300 The Sun and Stars**

**Answer**

**Black Hole.**

**Return**



# **\$400 The Sun and Stars Question**

**Early telescopes showed stars as points of lights, while planets appeared bigger, what did this prove?**

**(Question 23)**

**\$400 The Sun and Stars**  
**Answer**

**Planets are closer**

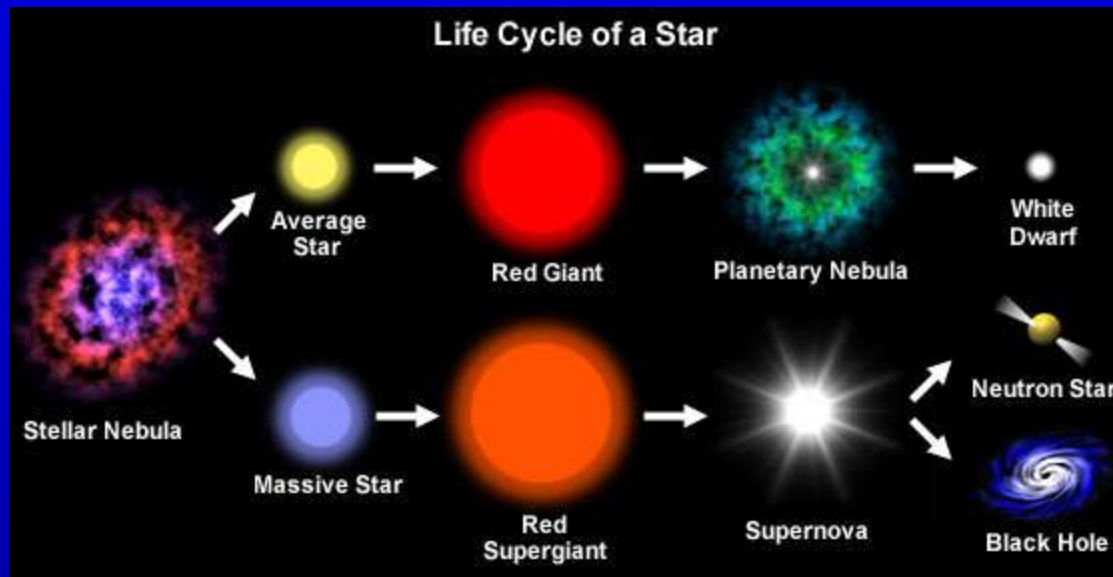
**Return**

# **\$500 The Sun and Stars Question**

**Draw the Life Cycle of a  
Medium Mass Star  
(Question 36)**

# \$500 The Sun and Stars

## Answer



**Return**

# **\$100 States of Matter Question**

**What happens to particles  
of matter when it absorbs  
energy (heat)?**

**(Question 14 and 15)**

# **\$100 States of Matter**

## **Answer**

**The molecules speed up  
and move faster**



**Return**

# **\$200 States of Matter Question**

**During the Dry Ice Lab, what  
phase change do we  
witness (solid to gas)?  
(Question 18)**

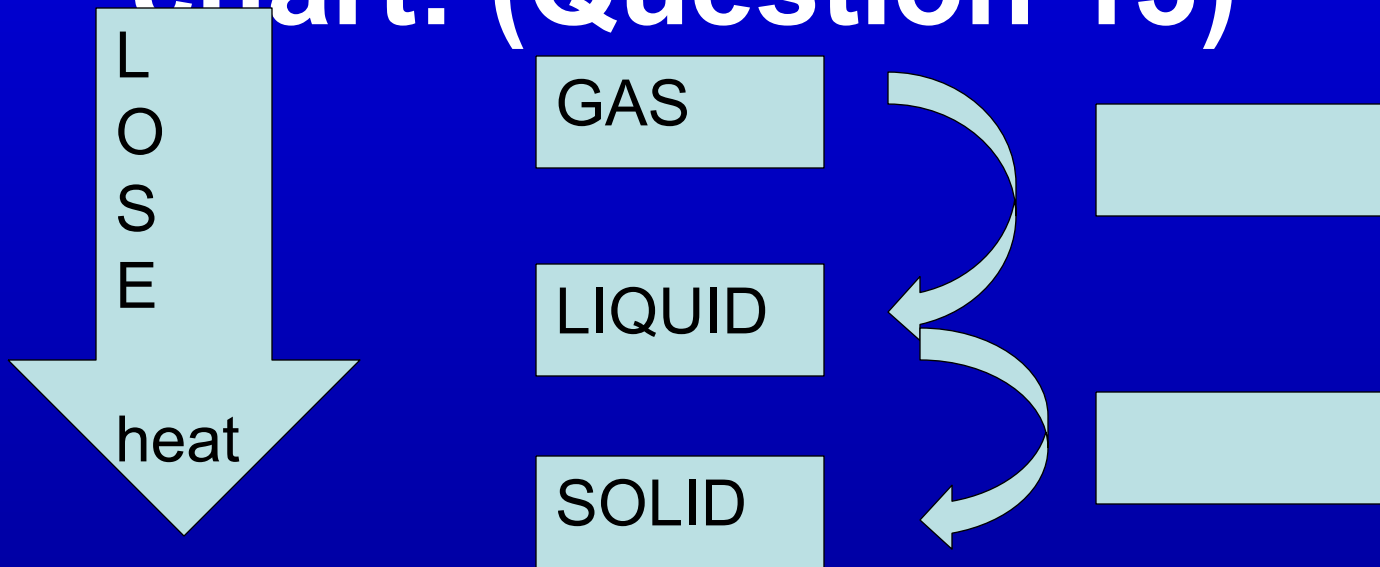
**\$200 States of Matter  
Answer**

**Sublimation**

**Return**

# \$300 States of Matter Question

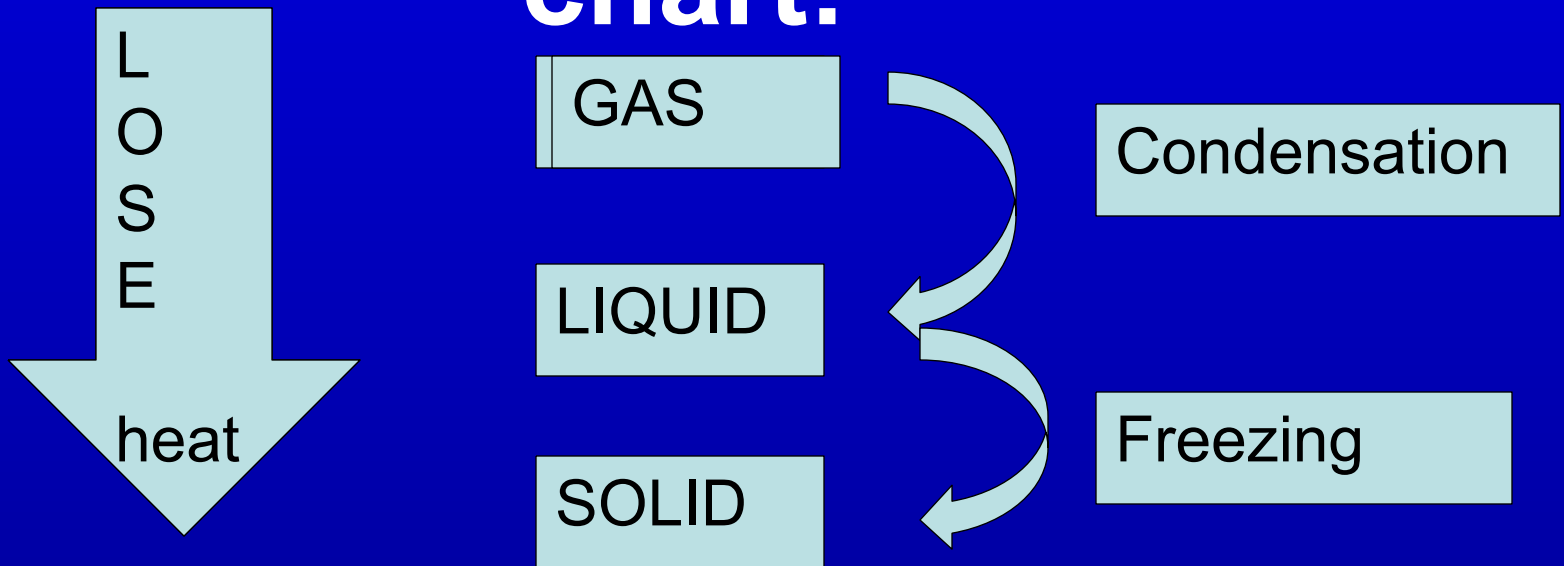
Complete the following  
chart: (Question 13)



# \$300 States of Matter Answer

Complete the following

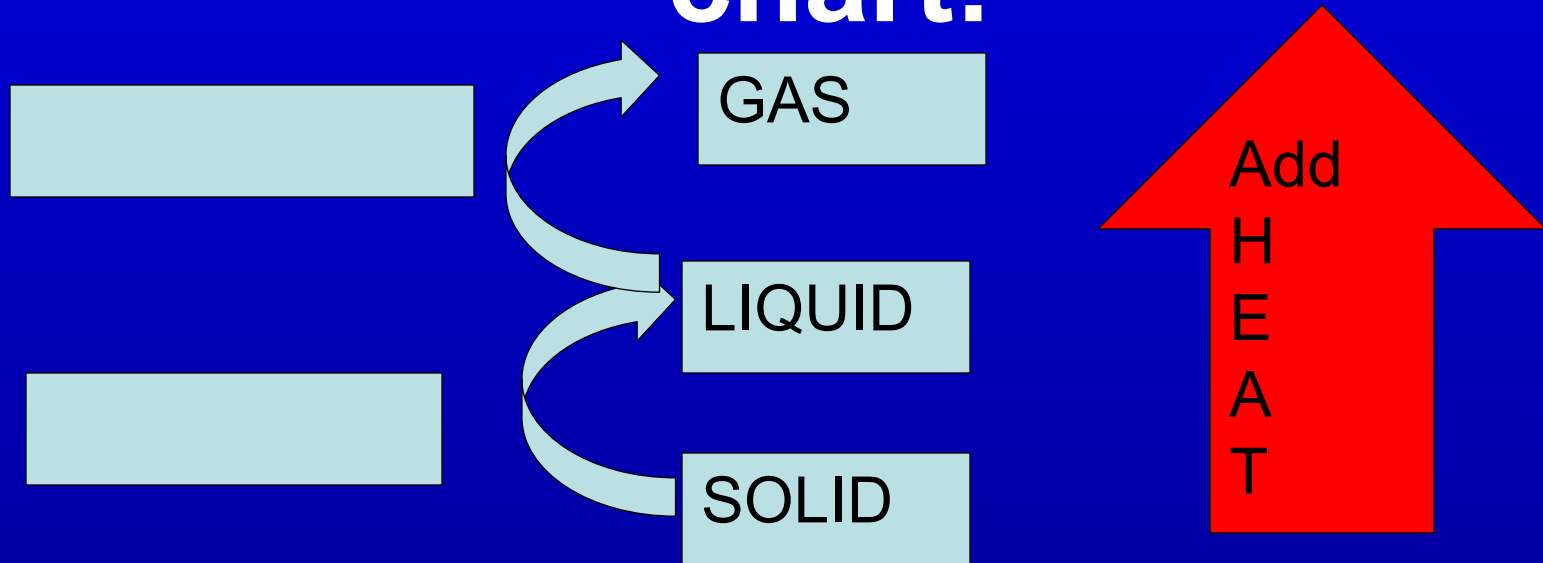
chart:



**Return**

# \$400 States of Matter Question

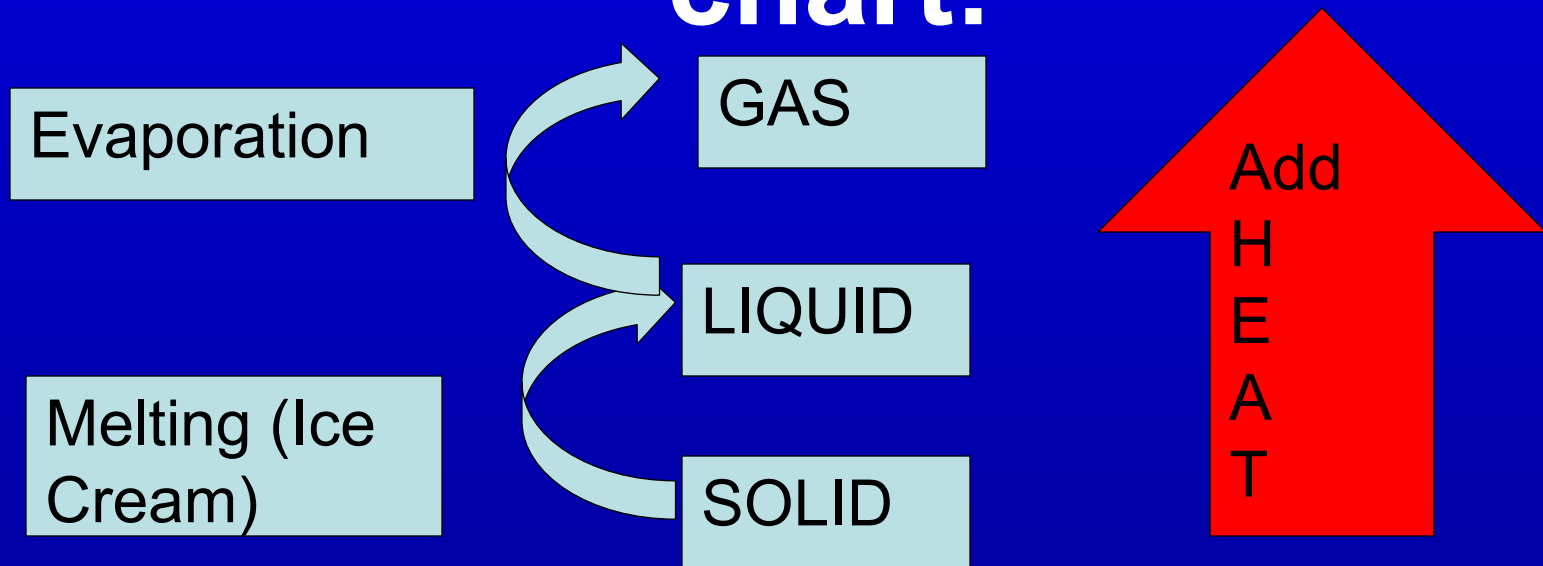
Complete the following  
chart:





# \$400 States of Matter Answer

Complete the following  
chart:



**Return**

# **\$500 State of Matter Question**

**Leaving ice cream on the  
counter for two hours is an  
example of...**

**( Question 17)**

**\$500 Energy Transfer  
Answer**

**MELTING**

**Return**

# **\$100 Asteroids, Meteoroids, and Space Facts Question**

**The surfaces of Mercury  
and our moon have a lot of  
craters. What would have  
caused these craters?**

**(Question 26)**

**\$100 Asteroids,  
Meteoroids, and Space  
Facts Answer  
Meteorites**

**Return**



# **\$200 Asteroids, Meteoroids, and Space Facts Question**

**Large pieces of space  
matter that did not turn  
into planets**

**\$200 Asteroids,  
Meteoroids, and Space  
Facts Answer  
Asteroids**

**Return**

**\$300 Asteroids,  
Meteoroids, and Space  
Facts Question**

**Matter that travels through  
the Earth's Atmosphere  
and**

**Hits the surface?**

**(Question 25)**

**\$300 Asteroids,  
Meteoroids, and Space  
Facts Answer**

**Meteorite**

**Return**

**\$400 Asteroids,  
Meteoroids, and Space  
Facts Question**

**How are the Geocentric  
(Earth) and Heliocentric  
(Sun) models of our solar  
system different ?**

**(Question 24)**

# **\$400 Asteroids, Meteoroids, and Space Facts**

**The Heliocentric states that  
everything orbits the Sun.**

**Geocentric states  
everything orbits Earth**



**Return**

# **\$500 Asteroids, Meteoroids, and Comets Question**

**How is an asteroid different  
than a meteoroid?**

# **\$500 Asteroids, Meteoroids, and Space Facts Answer**

**A meteoroid enters into the  
Earth's atmosphere and is  
usually smaller**

**Return**

# **\$100 General Earth Science Question**

**What are the 3 main parts of  
an atom?  
(Question 4)**

# **\$100 General Earth Science Answer**

**Proton**

**Electron**

**Neutron**

**Return**

# **\$200 General Earth Science Question**

**What is the difference  
between a hypothesis  
and a theory?**

**(Question 8 & 9)**



# **\$200 General Earth Science Answer**

**A hypothesis is an educated prediction of what will happen. A Theory is a hypothesis that has been tested over and over.**

**Return**

# **\$300 General Earth Science Question**

**What are the 4 branches of  
Earth Science?  
(Question 1 & 2)**

# **\$300 General Earth Science Answer**

**Geology**

**Meteorology**

**Astronomy**

**Oceanography**

**Return**

# **\$400 General Earth Science Question**

**What are the 4  
states of matter ?  
(Question 12)**

# **\$400 General Earth Science Answer**

**Solid**

**Liquid**

**Gas**

**Plasma**

**Return**



# **\$500 General Earth Science Question**

**List the 6 steps of the  
scientific method in order.  
(Question 6 and 7)**

# **\$500 General Earth Science Answer**

**Question**

**Research**

**Hypothesis**

**Test**

**Analyze**

**Conclusion**

**Return**

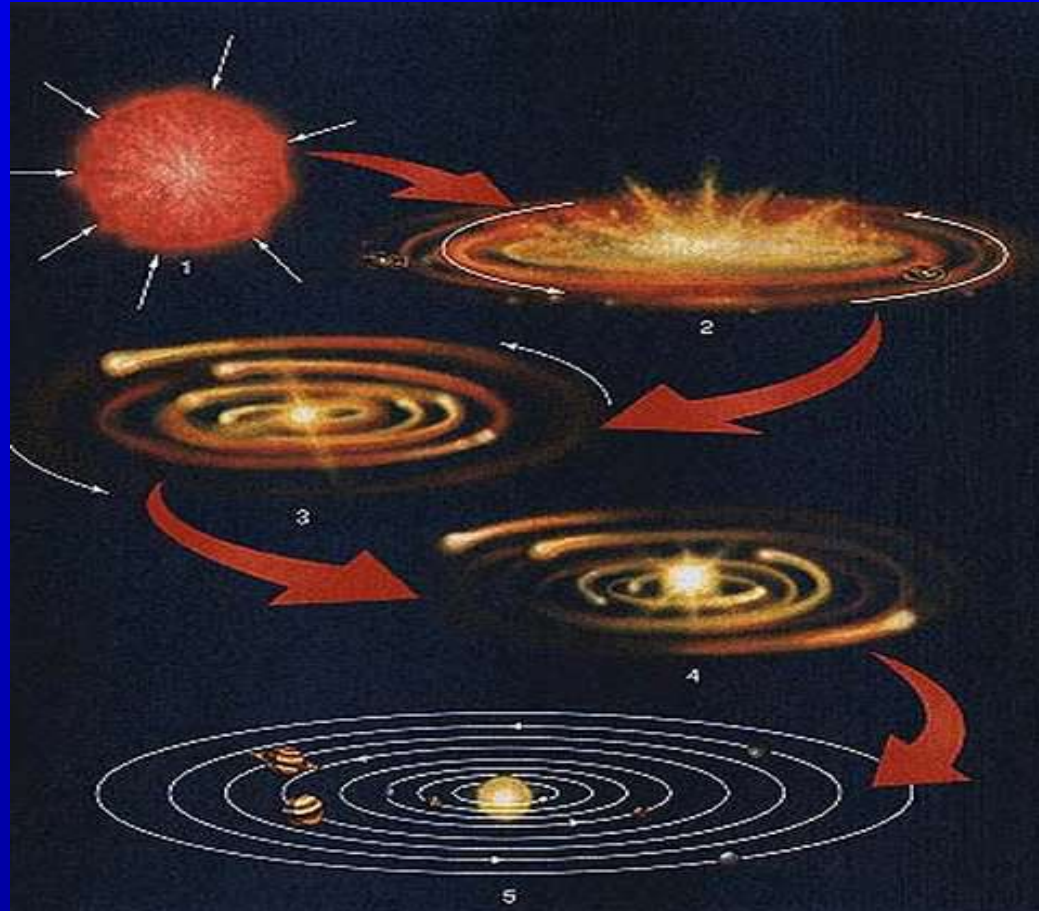
# **Final Jeopardy Topic**

**Solar system formation**

# Final Jeopardy Question

**Draw how our Sun and  
Planets formed**

# Final Jeopardy Answer



**Thank You for Playing!**