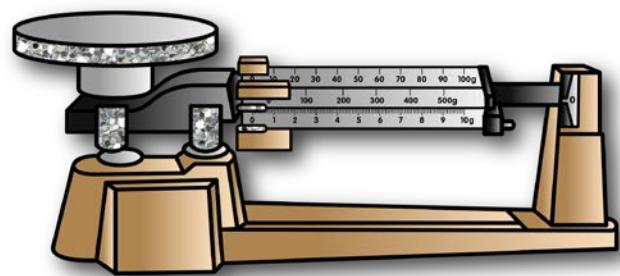
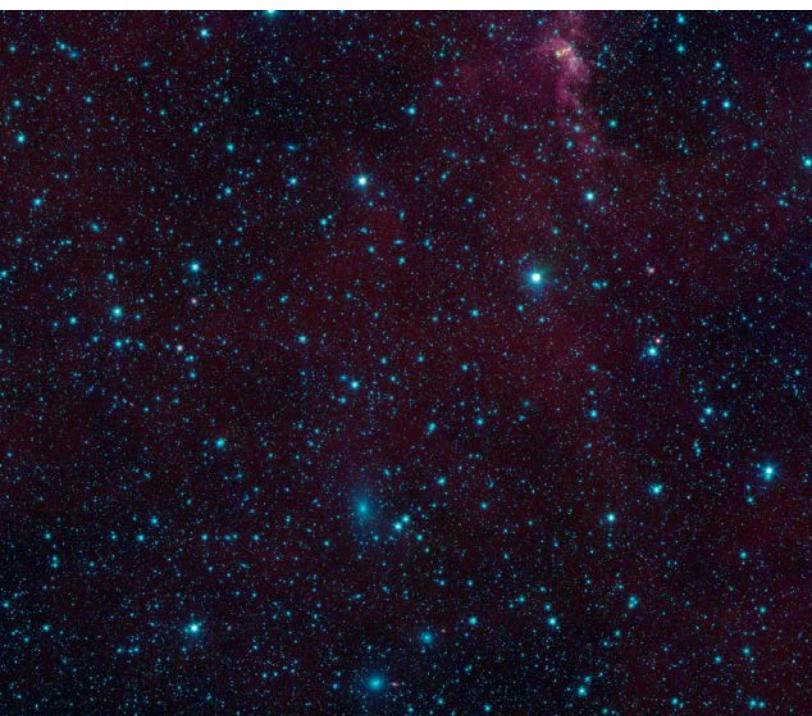
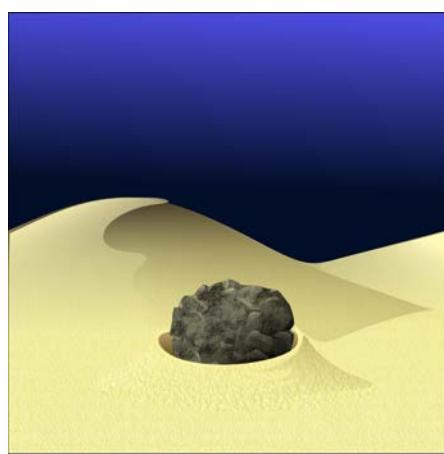
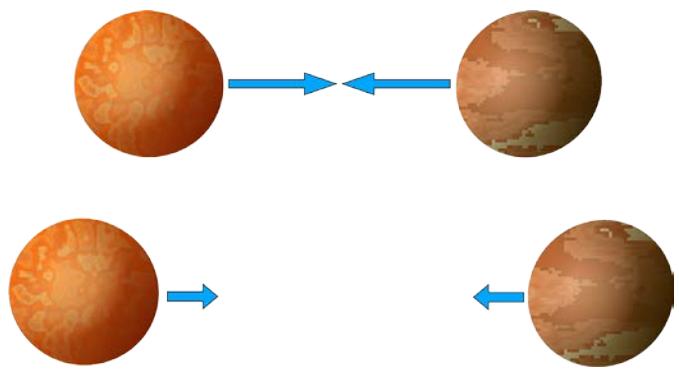
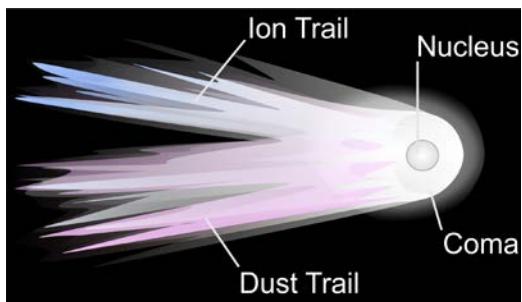
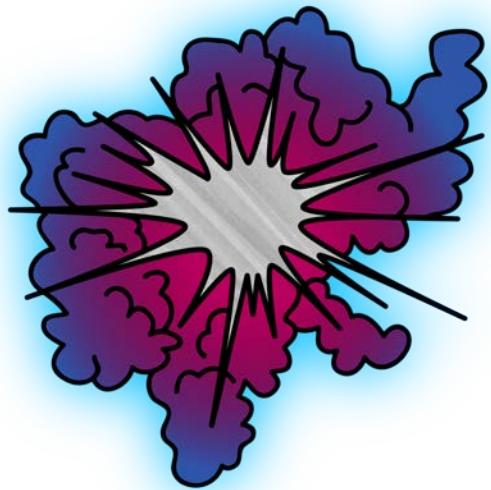


(This picture will go with two vocabulary cards.)







Virgo Galaxy Cluster

solar system

the sun along with the bodies orbiting it

galaxy

a huge collection of stars, gas, and dust held together by gravity

universe

all existing matter and space as a whole - everything

mass

the amount of matter in an object

nebula

a cloud of gas and dust in space

asteroid

a small, rocky body that orbits the sun; made of metals and rocky materials

gravity

a force that exists between all objects with mass

meteoroid

a space rock in space, sometimes is a piece from an asteroid or a comet

meteor

what a meteoroid becomes when it enters a planet's atmosphere

meteorite

a meteor that has reached the surface of a planet or moon

supernova

the explosion of a star

Milky Way

the galaxy we live in

dwarf planet

a body that orbits the sun, in an orbital path with other objects, has enough mass to have its own gravity

comet

small, icy body that warms and begins to release gases

cluster

groups of stars that formed about the same time and place

Name: _____

Exploring the Universe Vocabulary

Make sure you write each word neatly and spell it correctly. Explain the meaning and include a drawing to show the meaning.

Name: _____

The Universe Vocabulary

Make sure you write each word neatly and spell it correctly. Explain the meaning and include a drawing to show the meaning.

word	meaning	illustration
gravity	a _____ that exists between all objects with _____	
mass	the amount of _____ in an object	
solar system	the _____ along with the _____ orbiting it	
galaxy	a huge collection of stars, _____, and dust held together by _____	
Milky Way	the _____ our solar system is in	
cluster	groups of stars that formed about the same _____ and _____	
universe	all existing matter and space as a whole - _____	

word	Meaning	illustration
comet	small, _____ body that warms and begins to release _____	
asteroid	a small _____ body that orbits the _____, made of metals and rocky materials	
meteoroid	a space _____, a _____ body in outer space	
meteor	what a _____ becomes when it enters a planet's _____	
meteorite	a meteor that has reached the _____ of a planet or moon	
nebula	a cloud of _____ and _____ in space	
dwarf planet	a body that orbits the sun, in an orbital path with other objects, has enough _____ to have its own gravity	
supernova	the explosion of a _____	

Name: _____

The Universe Vocabulary

Make sure you write each word neatly and spell it correctly. Explain the meaning and include a drawing to show the meaning.

word	meaning	illustration
gravity		
mass		
solar system		
galaxy		
Milky Way		
cluster		
universe		

word	Meaning	illustration
comet		
asteroid		
meteoroid		
meteor		
meteorite		
nebula		
dwarf planet		
supernova		

Name: _____

THE UNIVERSE VOCABULARY QUIZ

Fill in each blank with the correct vocabulary word. Use your word bank to help you spell each word correctly. Spelling counts!

The third observed object to travel through our galaxy is a _____ named 3i/ATLAS (3i stands for 3rd interstellar).

Powerful telescopes have helped NASA scientists observe _____ which are clouds of gas and dust in space.

If a meteor survives its trip through earth's atmosphere, it lands on earth and is called a

_____.

There might be a few dozen or millions of stars in a star _____.

When a massive star collapses, there is a powerful explosion and a _____ occurs.

The scientist at the planetarium told me the shooting star I saw was a _____.

A _____ is a collection of stars, planets, gas, and dust held together by gravity. Ours is called the _____.

You will find the sun, eight planets, five named dwarf planets, and hundreds of moons in our _____.

All of space along with all of the matter and energy within it is called the _____.

There are five _____ in our solar system, the most well known is Pluto.

Many _____ are found in the _____ that is located between Mars and Jupiter.

A _____ might be a piece from an asteroid or a comet.

_____ is a force that is necessary for star formation. It is present between all objects that have mass.

Scientists can use a triple beam balance to measure the _____ of an object on earth.



Name: _____

THE UNIVERSE VOCABULARY QUIZ

Fill in each blank with the correct vocabulary word. Use your word bank to help you spell each word correctly. Spelling counts!

The third observed object to travel through our galaxy is a _____ named 3i/ATLAS (3i stands for 3rd interstellar). supernova comet meteorite

Powerful telescopes have helped NASA scientists observe _____ which are clouds of gas and dust in space. nebula asteroids gravity

If a meteor survives its trip through earth's atmosphere, it lands on earth and is called a _____.

asteroid nebula meteorite

There might be a few dozen or millions of stars in a star _____.

galaxy cluster supernova

When a massive star collapses, there is a powerful explosion and a _____ occurs.

comet mass supernova

The scientist at the planetarium told me the shooting star I saw was a _____.

meteor nebula comet

A _____ is a collection of stars, planets, gas, and dust held together by gravity. Ours is called the _____.

Milky Way

universe

galaxy

You will find the sun, eight planets, five named dwarf planets, and hundreds of moons in our _____.

galaxy

solar system

Milky Way

All of space along with all of the matter and energy within it is called the _____.

universe

solar system

gravity

There are five _____ in our solar system, the most well known is Pluto.

dwarf planets

comet

nebula

Many _____ are found in the _____ that is located between Mars and Jupiter.

comets

asteroid belt

asteroids

A _____ might be a piece from an asteroid or a comet.

supernova

meteoroid

nebula

_____ is a force that is necessary for star formation. It is present between all objects that have mass.

mass

meteor

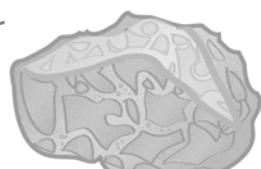
gravity

Scientists can use a triple beam balance to measure the _____ of an object on earth.

gravity

mass

meteor



THE UNIVERSE

asteroids
asteroid belt
cluster
comet
dwarf planets
galaxy
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