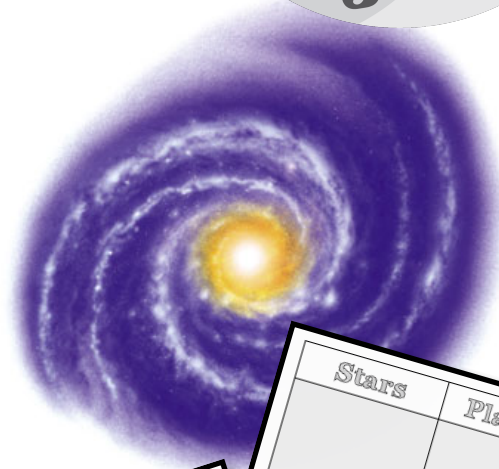
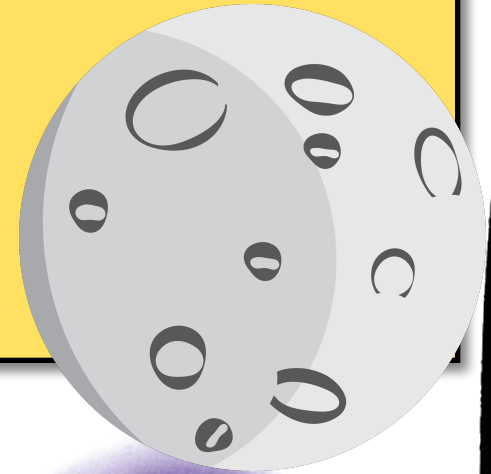


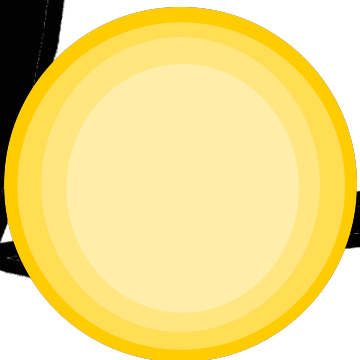
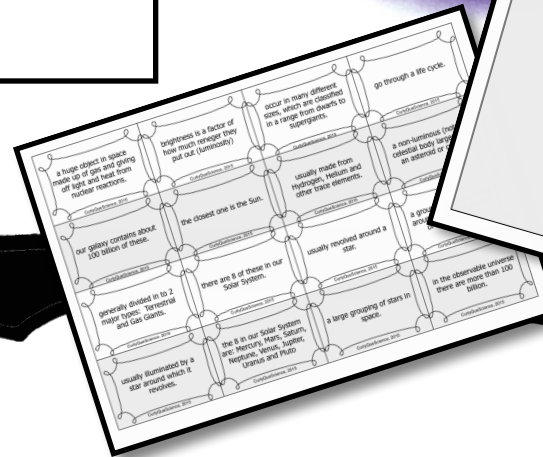
THE UNIVERSE: STARS, PLANETS AND GALAXIES

SORT AND GRAPHIC ORGANIZER

Great way to review facts about Stars, Planets and Galaxies. Sorts 21 cards and write the information into a Graphic Organizer. This activity is a great addition to an interactive notebook. It can also be used as a formative assessment, small group activity or science center. Blank cards added for additional facts to be included.



Stars	Planets	Galaxies



Stars

Planets

Galaxies

a huge object in space made up of gas and giving off light and heat from nuclear reactions.

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brightness is a factor of how much reneger they put out (luminosity)

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occur in many different sizes, which are classified in a range from dwarfs to supergiants.

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go through a life cycle.

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our galaxy contains about 100 billion of these.

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the closest one is the Sun.

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usually made from Hydrogen, Helium and other trace elements.

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a non-luminous (not lit) celestial body larger than an asteroid or comet.

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generally divided in to 2 major types: Terrestrial and Gas Giants.

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there are 8 of these in our Solar System.

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usually revolved around a star.

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a group that are revolving around a star and are part of a Solar System.

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usually illuminated by a star around which it revolves.

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the 8 in our Solar System are: Mercury, Mars, Saturn, Neptune, Venus, Jupiter, Uranus and Pluto

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a large grouping of stars in space.

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in the observable universe there are more than 100 billion.

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classified into 3 main types based on shape: spiral, elliptical, irregular.

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are more often parts of larger association known as groups, clusters, and super clusters.

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the nearest one is 80,000 light years from us. (The Sagittarius Dwarf)

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are islands of stars that are spared by a vast ocean of empty space.

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there is a huge black hole in the center of ours.

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Teacher Directions:

1. Make copies of the graphic organizer.
2. Make copies of the cards for individual, small groups (of 2-3) or a science center.
3. Have students sort the cards and write information into the graphic organizer.
4. Students put graphic organizer into their interactive journal.

These graphic organizers can be used as a formative assessment, cloze activity, small group, pre-teach, or science center.

Answer Key:

Stars	Planets	Galaxies
<ul style="list-style-type: none">• a huge object in space made up of gas and giving off light and heat from nuclear reactions• brightness is a factor of how much energy they put out (luminosity)• occur in many different sizes, which are classified in a range from dwarfs to supergiants.• go through a life cycle• our galaxy contains about 100 billion of these• the closest one is the Sun.• usually made from Hydrogen, Helium, and other trace elements.	<ul style="list-style-type: none">• a nonluminous (not-lit) celestial body larger than asteroids or comets.• generally divided into 2 major types: Terrestrial and Gas Giants.• there are 8 of these in our solar system.• usually revolve around a Star.• a group that are revolving around a star are part of a solar system.• usually illuminated by a star around which it revolves.• the 8 in our solar system are Mercury, Mars, Saturn, Neptune Venus, Jupiter, Uranus, Pluto	<ul style="list-style-type: none">• a large grouping of stars in space• in the observable universe there are more than 100 billion• classified into 3 main types based on shape: spiral, elliptical, irregular• are more often parts of larger association known as groups, clusters, and super-clusters.• the nearest one is 80,000 light years from us. (Sagittarius Dwarf)• are island of stars that are separated by a vast ocean of empty space.

Thank you for downloading this [Curly Que Science](#) product! I really hope that you will find it useful, and am so excited that you decided to use this activity in your classroom.

This activity can be used as a whole group, small group and/or individual activity.

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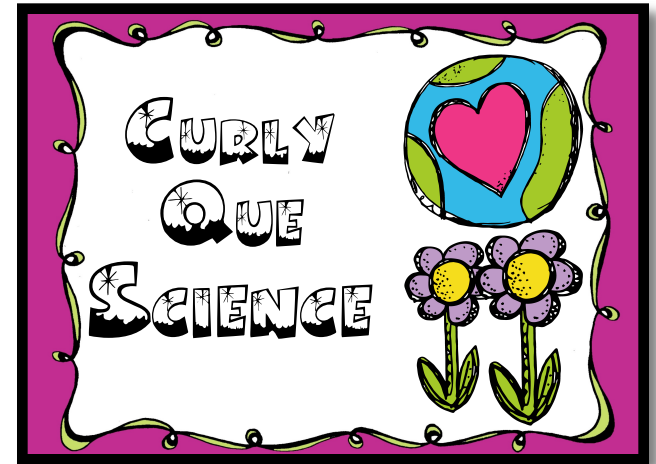
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and many others to come!



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