



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Geocentric system

Radiative zone

Meteor

Nebula

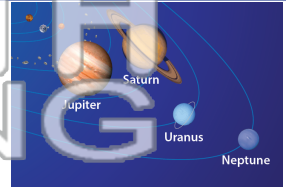
Meteoroid

Photosphere

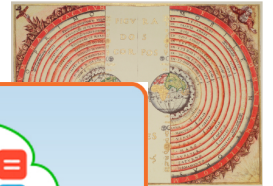
Gas giants

Heliocentric system

1. \_\_\_\_\_ - the four outer planets (Jupiter, Saturn, Uranus and Neptune) that are composed predominantly of hydrogen and helium



2. \_\_\_\_\_ - the concept that the Earth is the center of the Universe; this ancient concept was proposed by Ptolemy (therefore also called the Ptolemaic system)



3. \_\_\_\_\_ proposed



4. \_\_\_\_\_ meteoroid

5. \_\_\_\_\_ an asteroid

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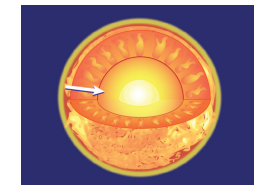
6. \_\_\_\_\_ - a dusty gas cloud in interstellar space in which stars can form; composed of dust, helium and hydrogen



7. \_\_\_\_\_ - the surface of the Sun that we are able to see



8. \_\_\_\_\_ - the inner layer of the Sun between the Sun's core and the convection zone





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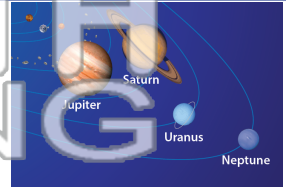
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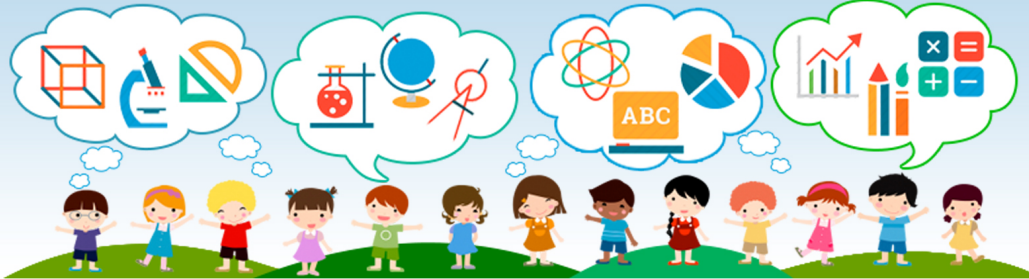
1. **gas giants** - the four outer planets (Jupiter, Saturn, Uranus and Neptune) that are composed predominantly of hydrogen and helium



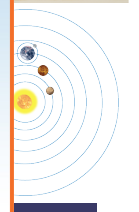
2. **geocentric system** - the concept that the Earth is the center of the Universe; this ancient concept was proposed by Ptolemy (therefore also called the geocentric model)



3. **heliocentric universe** - the concept that the Sun is the center of the Universe; this modern concept was proposed by Copernicus



4. **meteor** - a streak of light in the Earth's sky caused by the entry of a meteoroid into the atmosphere



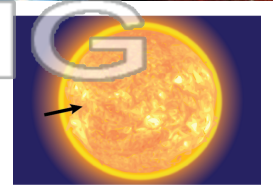
5. **meteoroid** - a small rocky body in space that can become a meteor when it enters the Earth's atmosphere



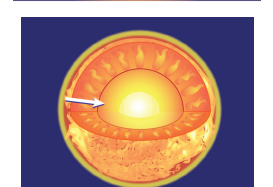
6. **nebula** - a dusty gas cloud in interstellar space in which stars can form; composed of dust, helium and hydrogen



7. **photosphere** - the surface of the Sun that we are able to see



8. **radiative zone** - the inner layer of the Sun between the Sun's core and the convection zone



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