Earth and Space - Revision Worksheet	What are some ways in which	Label which hemisphere is experiencing Summer and which is
What shape is the Earth ?	we can gather evidence about Space ?	experiencing Winter:
List the planets in the solar system starting with the closest to the Sun:		
1.	Define the following words:	What is a compass? Why do compasses point North?
2. 3.	Orbit	
4. 5.	Elliptical	
6. 7		Draw arrows to show the
Draw a sketch to show the current accepted model of the Solar System:	What are the ' phases of the moon ', how are they caused?	direction of the magnetic field:
	·····	What force occurs between two objects that are near each other?
	What causes the change in seasons?	Draw an arrow to show which way gravity will ' pull ' each object:
Why was Copernicus ' model not accepted right away? How did Galileo provide more evidence ?		
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	Give some characteristics of Summer :	Underneath each part of the equation write out the units : Weight = mass x gravitational field strength
How was Ptolemy's model different?		What is the gravitational field strength on Earth?

An object has a mass of 12kg on Earth . Calculate its weight :	An astronaut has a mass of 85kg. He goes to Mars where the gravitational field strength is 3.7 N/kg. Calculate his weight:	Rate the following on how well you think you can do them:
What is a satellite ? Give an exampl	le of a natural satellite and an	 I can Describe some ways of investigating the planets. Compare different models of the Solar System.
artificial satellite:		 Recall that an argument may be presented to persuade an audience. Identify the parts of an argument. Construct arguments.
What factors can affect the strength of gravity ?		 Use the tilt of the Earth's axis to explain the changes in seasons. Use a mode to explain the pattern of light and dark at the
Define the following words:		Earth's poles.
Star		 Explain how to arrange magnets so they attract or repel each other.
Galaxy		 Describe the Earth's magnetic field and how it affects compasses.
Universe		 Describe how to find the shape of a magnetic field. Calculate weight.
Put the following into order of size: Earth, Sun, Universe, Moon, Galaxy		 Recall the factors that affect the strength of gravity. Describe how gravity affects objects in space. Calculate ratios and percentages. Convert fractions to decimals. Express one number as a percentage of another.
What is the Milky Way?		
What is a light year ? What is this	distance in kilometres?	 Describe stars, galaxies and constellations. Describe the Milky Way. Explain what a light year is.