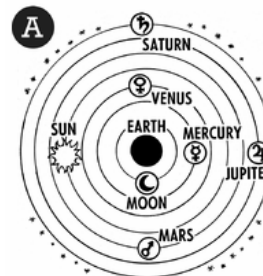


TA19A -Teach About Our Solar System

Use with BrishLab ES19A
Done By: Coach

1- What were the five planets that the ancient Greeks found?

Page 1
Para 2

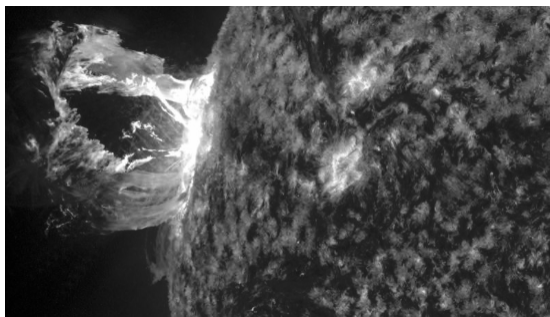


Ancient Greeks recognized Mercury, Venus, Mars, Jupiter and Saturn.

[Image Link](#)

2- Name two reasons that solar flares are harmful?

Page 1
Para 4

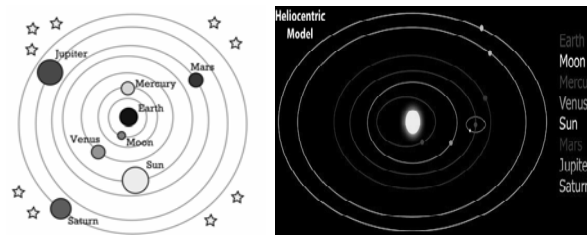


Solar flare particles disrupt satellites and can hurt unprotected astronauts.

[Image Link](#)

3- What is the difference between Ptolemy's model and Copernicus' model of the solar system?

Page 1
Para 5

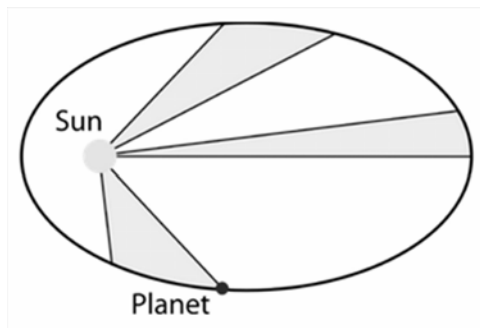


Ptolemy put the Earth in the center and Copernicus had the Sun in the center of the solar system.

[Image Link](#)

4- Describe a planet's orbit around the sun.

Page 1
Para 7

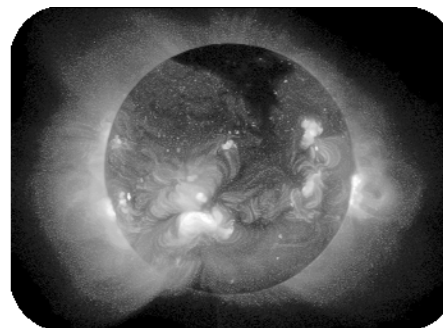


Planets orbit in an ellipse - not a circle.

[Image Link](#)

5- Why is the sun important to us living on Earth?

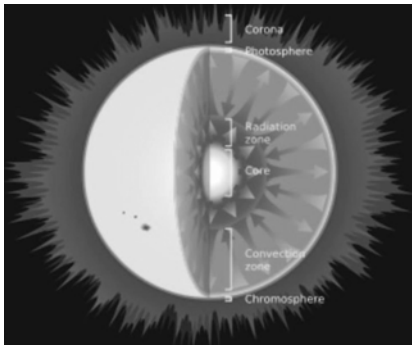
Page 2
Para 8



Most of our energy comes from the Sun.

[Image Link](#)

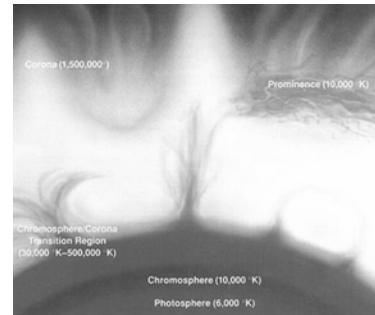
6- What are three parts of the sun's atmosphere? Page 2
Para 9



The Sun has a photosphere, a chromosphere and a corona.

[Image Link](#)

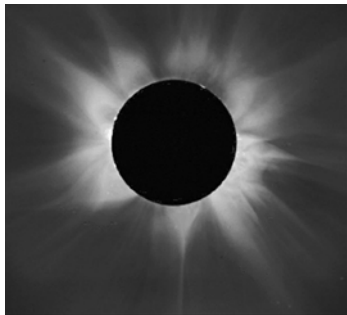
7- Describe the photosphere and a way to remember it. Page 2
Para 11



The photosphere is what we see - like in a photo!

[Image Link](#)

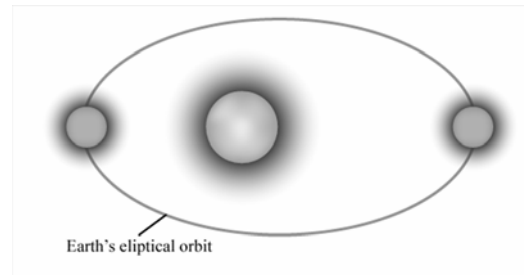
8- How can we see the corona of the sun? Page 2
Para 12



During a Solar eclipse, we can see the corona of the Sun.

[Image Link](#)

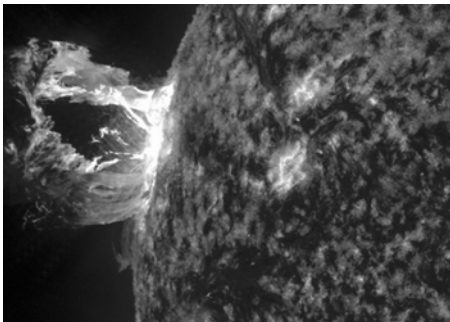
9- What factors keep the planets in an elliptical orbit around the sun? Page 2
Para 13



Planets have inertia that keeps them moving and gravitational forces that curve the motion.

[Image Link](#)

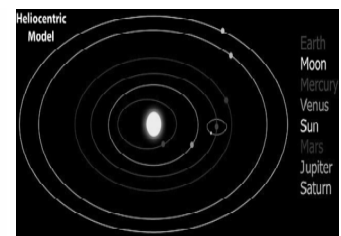
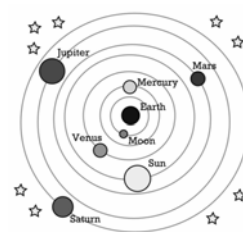
10- Why is solar wind harmful to satellites and astronauts? Page 2
Para 14



Solar wind is like a solar flare - high energy particles can go interact with electronics and cells.

[Image Link](#)

Wrap it up:
Draw and color the two models of the solar system.



[Image Link](#)