

WELCOME TO THE ONLINE CLASS

SESSION NO: 4

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 11

CHAPTER NAME: EARTH AND ITS NEIGHBOURS

**SUB TOPIC: THE SOLAR SYSTEM, OUR PLANET EARTH,
LAYERS OF THE EARTH**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

Learner will able to

- **Understanding the role of gravity in the solar system.**
- **Predict the patterns of movement of objects in our solar system.**
- **Know the different layers of earth.**

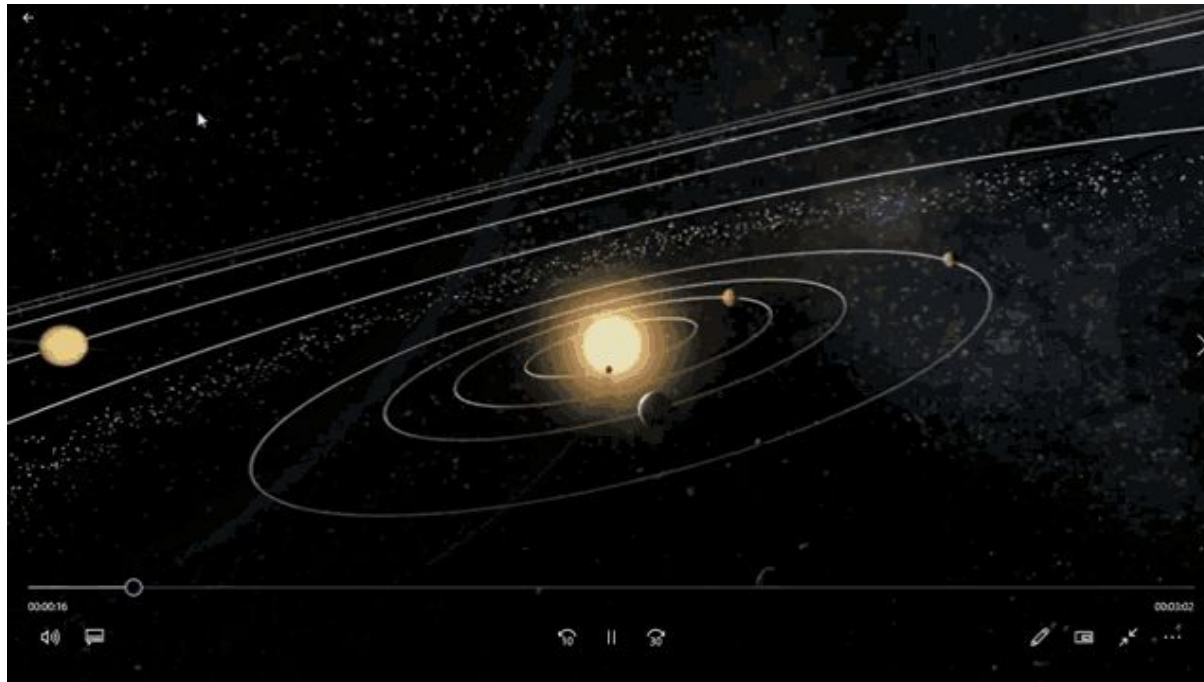
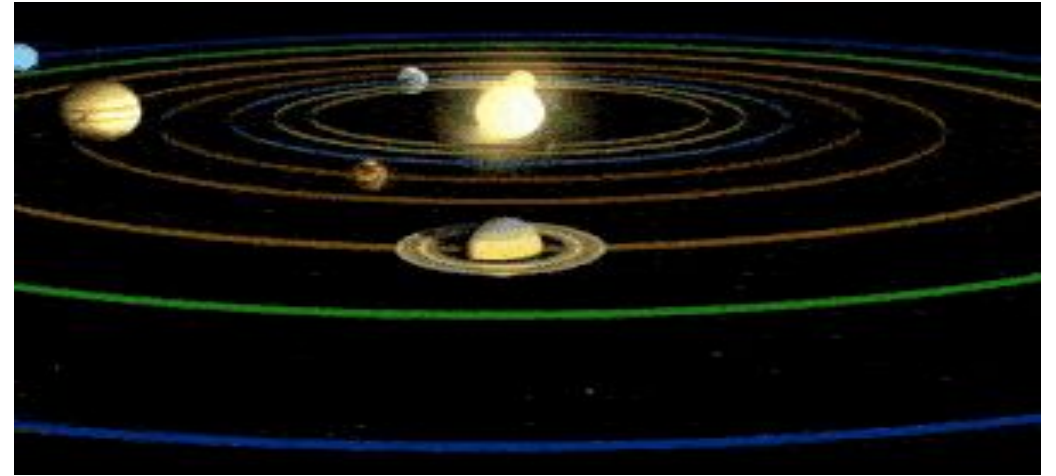
RECAPITULATION

1. The figure shows a group of a stars forming a pattern. Such groups are called as _____.
2. The planet with the highest number of moons is
a. Saturn b. Jupiter c. Neptune d. Uranus
3. Which planet is called as the evening/morning star?
a. Jupiter b. Venus c. Mars d. Saturn
4. Jupiter has a giant storm called the 'Great _____ spot.'
a. red b. blue c. green d. black



SOLAR SYSTEM

- The sun and the eight planets revolving around it along with their satellites make up the solar system.



OUR PLANET EARTH

- The earth is a beautiful planet.
- It has land water, mountains and valleys, hills and plains.
- It also has plants, animals and humans.

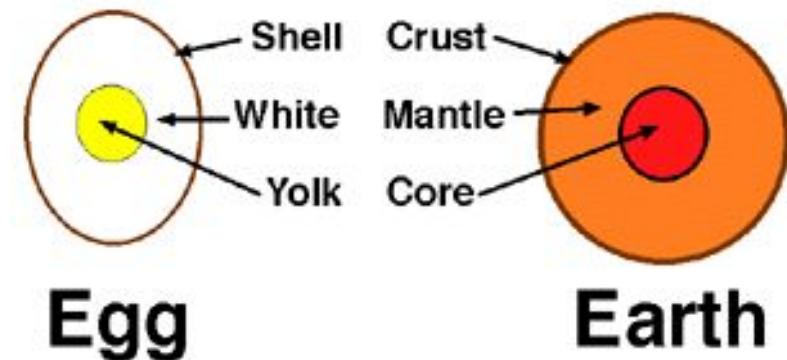


OUR PLANET EARTH

- It was born as a huge ball of dust and hot gases.
- The ball kept on spinning.
- As it spun, its outer surface grew cold and hard.

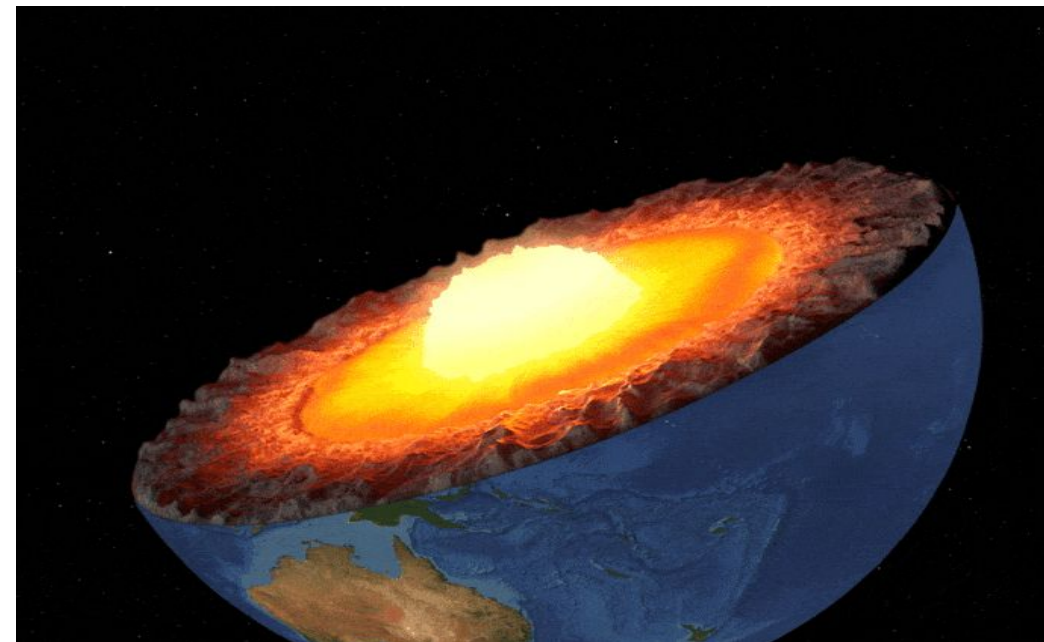
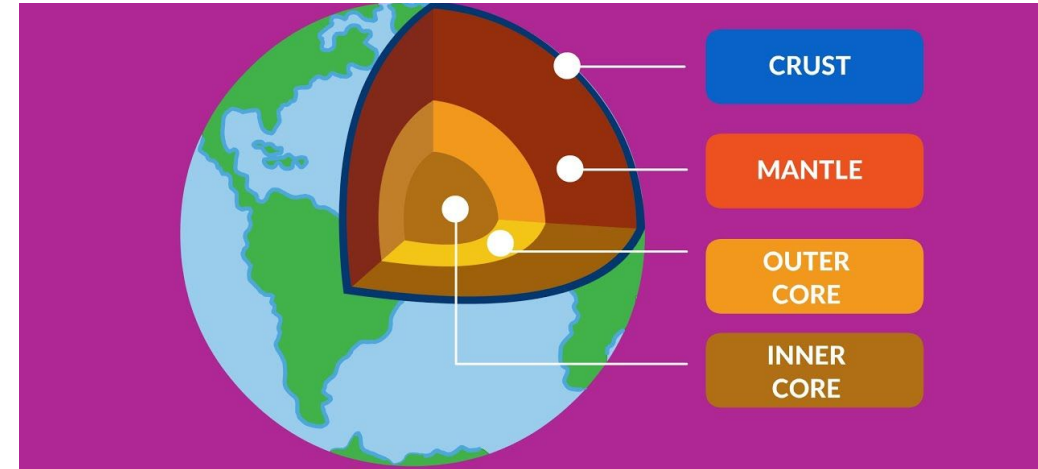


TODAY EARTH IS LIKE A HALF-BOILED EGG!

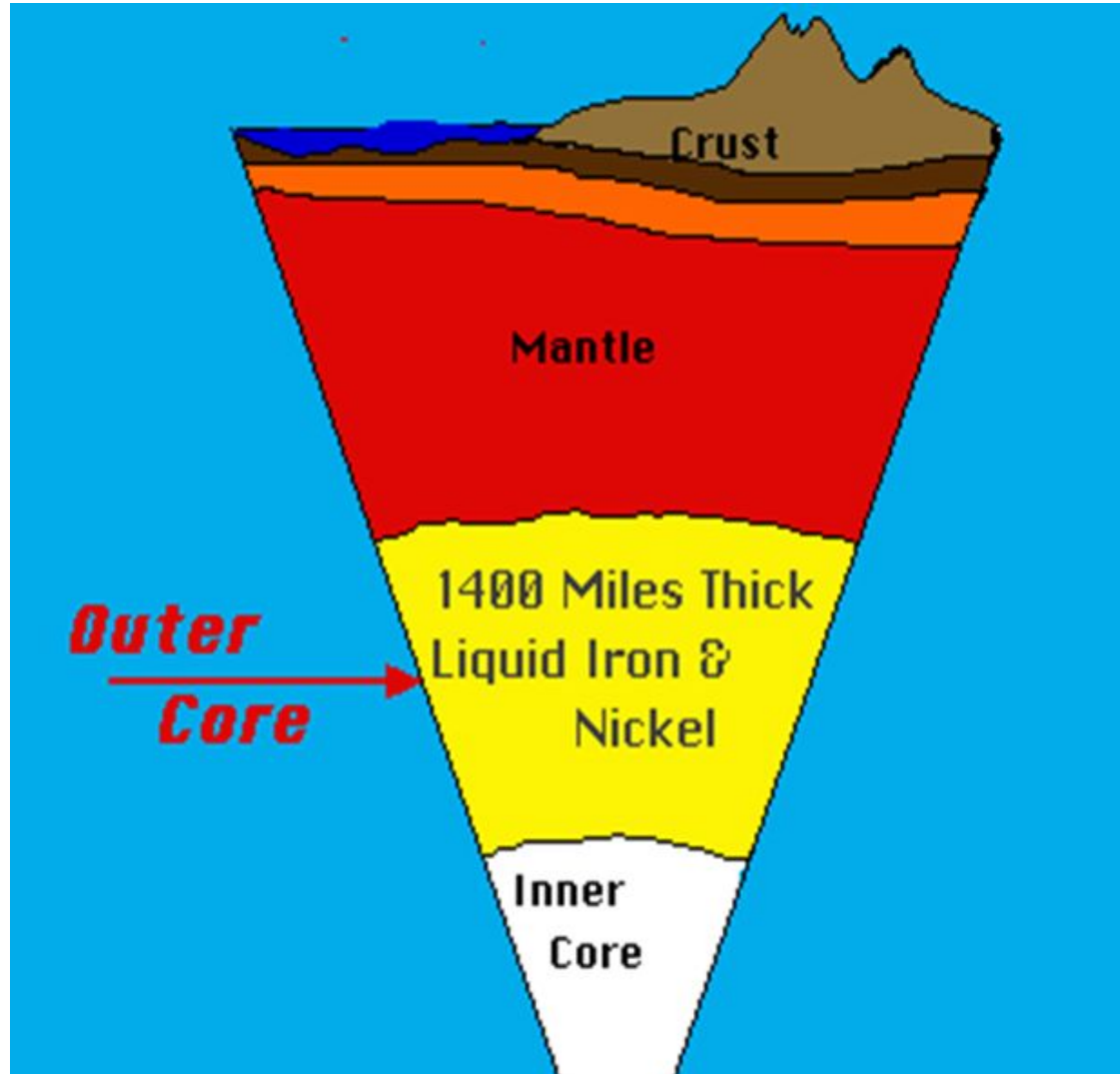


DIFFERENT LAYERS OF EARTH

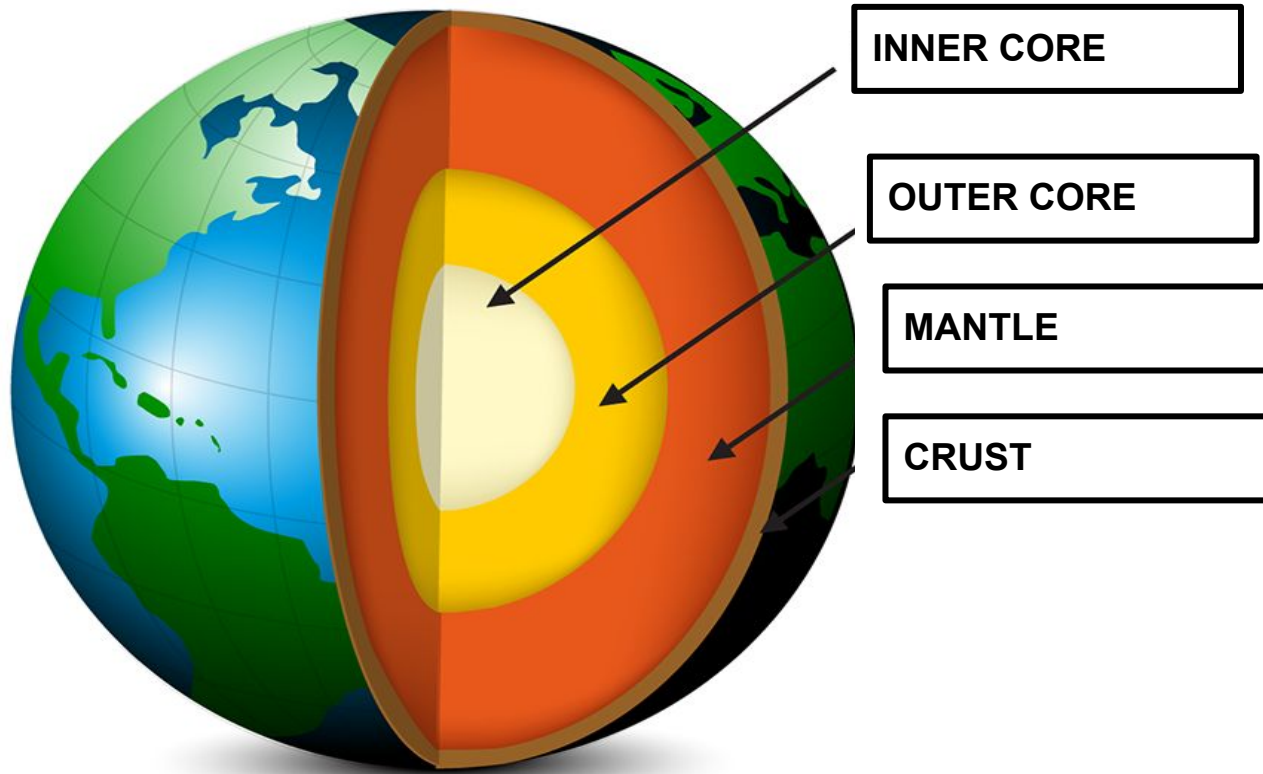
- Earth's outer surface is hard, but deep inside portion is called the crust.
- The inside portion is called as the core.
- Between the outer crust and the inner core, there are layers of rocks, minerals and metals in solid form. This layer is called as the mantle.



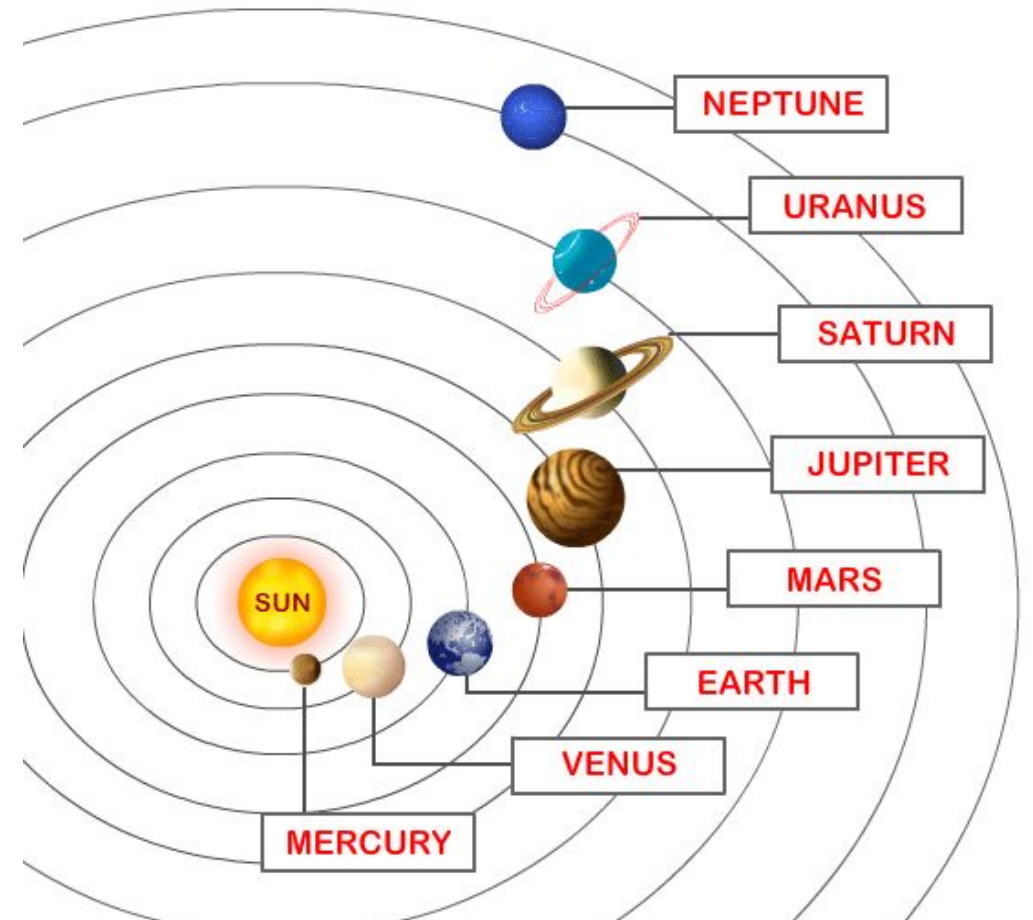
DIFFERENT LAYERS OF EARTH



SUMMARY



- The sun and the eight planets revolving around it along with their satellites make up the solar system.



QUIZ TIME!!!

1. The innermost layer of our earth is called as the _____.

Ans: Core

2. The layer of earth which contains rocks, minerals and metals in solid form.

Ans: mantle

3. Our earth was a huge ball of dust and _____.

Ans: hot gases

Homework



HOMework

- **Draw a picture to show the various layers of the earth in your project record.**

LEARNING OUTCOME

Learner will able to

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- Predict the patterns of movement of objects in our solar system.
- Know the different layers of earth.

THANKING YOU
ODM EDUCATIONAL GROUP