LESSON: OUR UNIVERSE   **WORKSHEET-2**
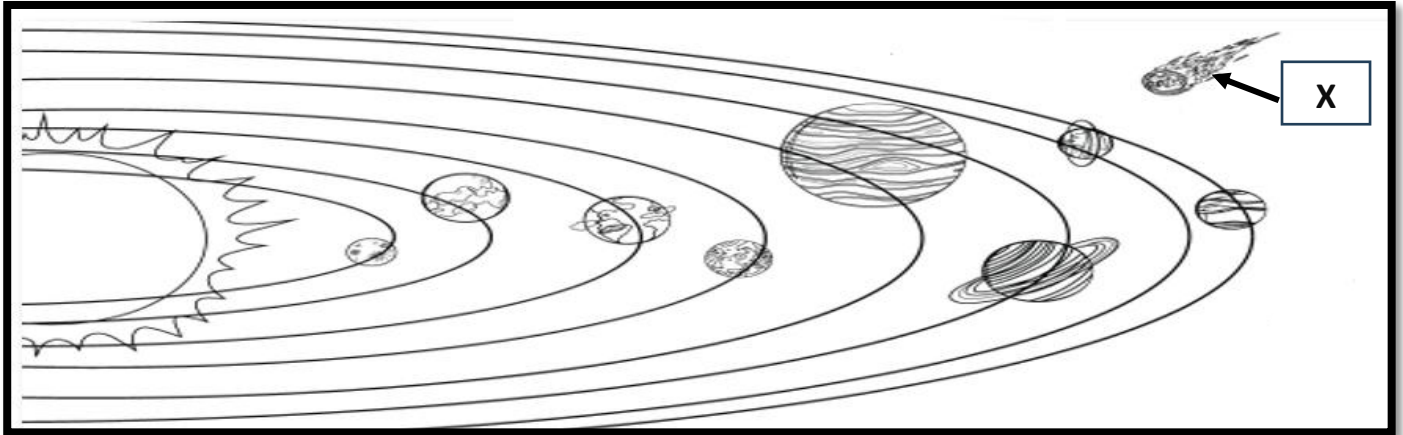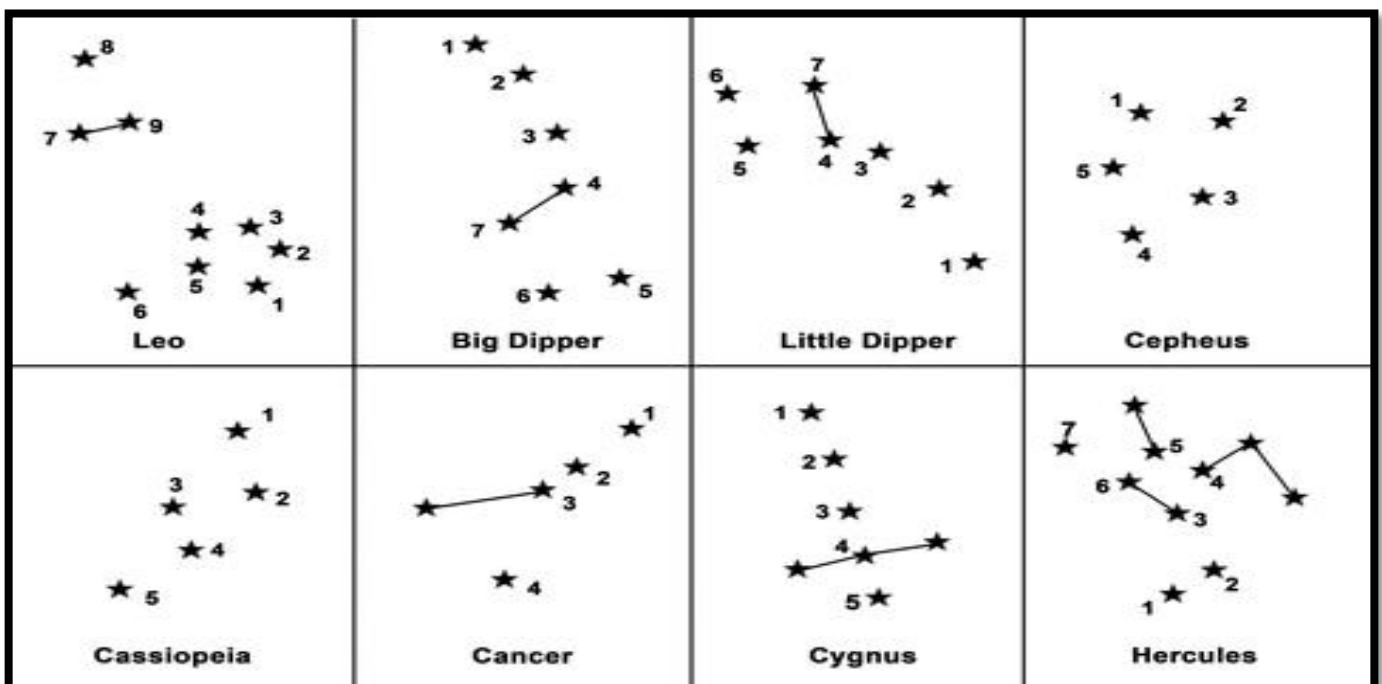
RESOURCE PERSON: Ms. AMMULU K.R.K.

NAME:_____CLASS: IV   SEC:_____ DATE:_____

I) Observe the picture carefully and answer the questions that follow.

1. The picture above is of the _____.

2. The names of the planets according to their distance from the Sun are _____,

_____, _____, _____, _____,

_____, _____ and _____.

3. Name the heavenly body labelled as **'X'** in the above picture. _____.

II) Join the dots in the picture below to complete the constellations.

III) Study the passage given and answer the questions that follows.

Aryan was excited to visit the space museum with his school. He had read a lot about the solar system, but seeing the giant models of the planets made him even more curious. He saw the Sun in the center and all the eight planets placed in a circle around it. The guide explained, "Each planet moves around the Sun in a fixed path. This path is called an orbit." Aryan asked, "Does the Moon also have an orbit?"

"Yes," said the guide. "The Moon moves around the Earth in an orbit. It is a natural satellite of the Earth." Then Aryan saw a model of a small machine floating near Earth. "That's an artificial satellite," said the guide. "It is made by people and sent into space. It helps us watch the weather, use GPS, and talk to people far away." Aryan imagined himself as an astronaut flying past planets and satellites. He smiled and said, "One day, I'll explore space too!"

1. How many planets are there in the Solar System?

Ans. _____

2. What is an orbit?

Ans. _____

_____

3. What helps us watch the weather, use GPS and talk to people far way?

Ans. _____

IV) Application-based question. Think and answer it carefully.

1. *Anaya's Hot Planet Plan*

Anaya likes the planet Mercury. When she met her friends, Anaya said, "Let's build a colony on Mercury!" Is Mercury a good choice to live on? Why or why not?

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Scan QR to understand about Solar System.