

**Grade: IV Subject: Social studies**

**Date :30.7.25**

**3.Movements of the Earth**

**I. Word Focus**

1.Earth

2.Atronomer

3.Rotation

4.Revolution

5.Spinning

6.Axis

7.Orbit

8.Direction

9.Anti-clockwise

10.Equator

11.Constellation

12.Season

13. Weather

14.Climate

15.Gravity

**II.KWL chart**

**III. Concept Map**

Movements of the Earth

Seasons

Day/Night

Autumn

Spring

Monsoon

Winter

Summer

**IV. Answer in one word**

1.The fixed path of the Planet**. – Orbit**

2.Heavy rain causes**. – Flood**

3.Rivers and Ponds dry up in this season**. - Summer.**

4.Trees shed their leaves in this season**. - Autumn**

**V. Answer the following**

**1.Define an axis**

An axis is an imaginary line which spins at the centre of the earth.

**2.What is a season?**

 A cyclic pattern of weather in a place during a part of the year is called season.

**3.Complete the table. (Write on your own)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Season** | **Weather** | **Clothes** | **Food** |
| **Summer** |  |  |  |
| **Winter** |  |  |  |
| **Monsoon** |  |  |  |

**4.Write the difference between rotation and revolution.**

|  |  |  |
| --- | --- | --- |
| **S.no** | **ROTATION** | **REVOLUTION** |
| 1. | The movement of earth on its own axis is called rotation. | The movement of the earth revolve around the sun is called revolution.  |
| 2. | It takes 24 hours to complete one rotation. | It takes 365 ¼ days to complete one revolution. |
| 3. | It causes day and night. | It causes seasons. |
| 4. | The speed of the rotation is 1670 Km/hr. | The speed of the revolution is 1,07,000 Km/hr. |

**5.Picturize and write the details about spring and autumn.**

 (Write your own answer)