

SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA

Class-6th (Assignment)

Date- 01.01.2026

**Instructions:** Dear students, we are sending you homework. You have to solve this work in your fair notebook in a neat and clean way. You have to submit this work after the opening of school to your subject teacher.

**Maths**

**LEARNING PART**

**Q1. What is a circle? Explain its parts.**

**Answer:** A **circle** is a simple closed curve where all points on the curve are at the same distance from a fixed point called the **centre**.

**Parts of a Circle:**

**Centre:** The fixed point inside the circle.

**Radius:** The distance from the centre to any point on the circle.

**Diameter:** A line segment passing through the centre and joining two points on the circle.

**Circumference:** The boundary of the circle.

**DOING PART**

**Q1. Draw the following using a compass:**

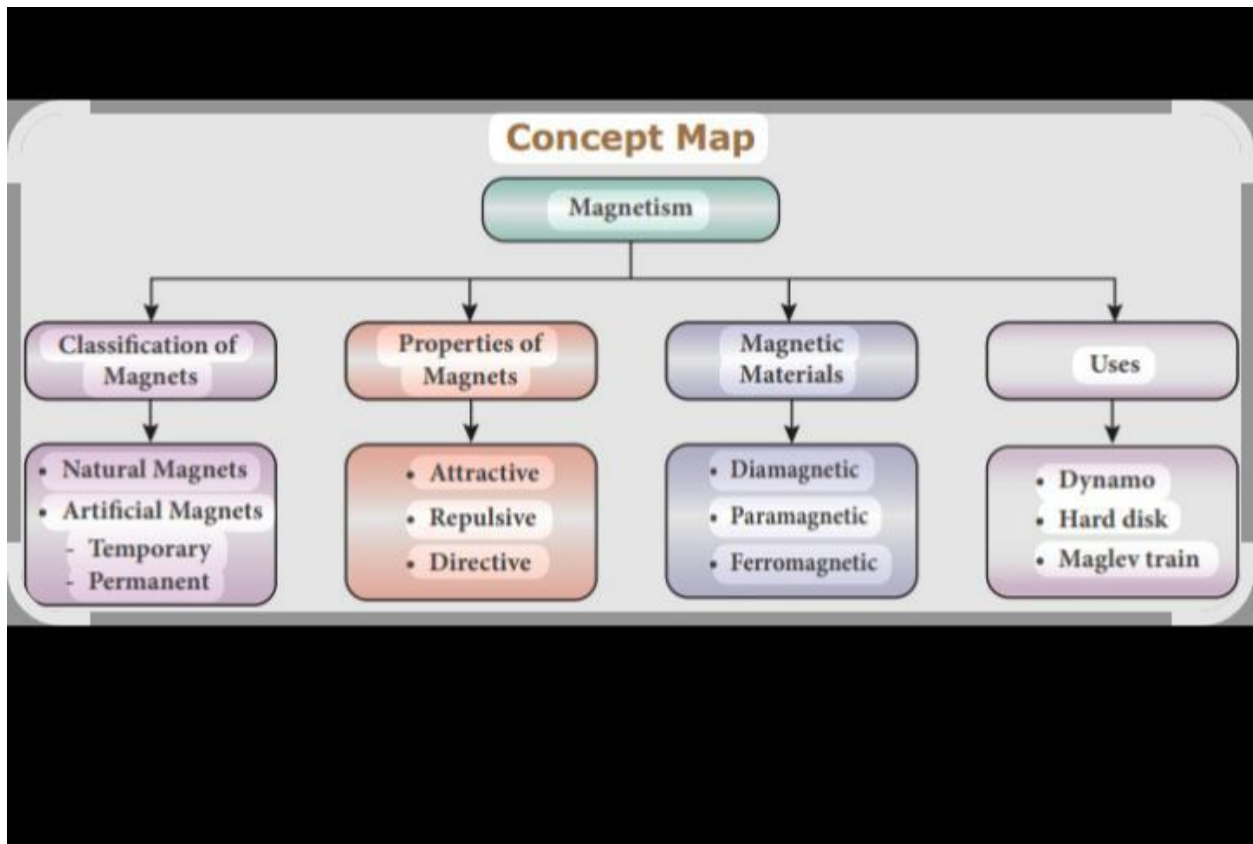
- a) A circle of radius 4 cm and 7 cm.
- b) Mark its centre
- c) Draw one radius and one diameter

**Q2. Answer the following:**

If the radius of a circle is 5 cm, find its diameter.

**Science**

**Learning part**



### Doing part

Q1 Why are magnets used in refrigerator doors?

Q2 What happens if a magnet is dropped again and again?

Q3 Why is a compass needle magnetic?

Q4 A magnet attracts iron filings but not copper coins. Why?

### S.science

#### Learning Part:

Learn the given mind map

Solstice, 21 June.

Equinox, March 21

Northern hemisphere summer

Northern hemisphere spring

Southern hemisphere winter.

Southern hemisphere autumn

Equinox, September 23.

Solstice, December 22

Northern hemisphere autumn

Northern hemisphere winter

Southern hemisphere spring.

Southern hemisphere summer

**Doing part:**

-Read the passages carefully and write the answers of the questions given below on your notebook.

The earth is continuously spinning on its imaginary Axis from West to East. It completes one round in about 24 hours. Its motion of the earth is called rotation. The earth faces the sun while rotating from West to East. Each part of the earth facing the sun is illuminated by sunlight turn by turn. The lighted half part of the earth that faces the sun has been while the other part of the earth that is not facing the sun experiences night. Thus, as the Earth rotates the day follows the night and the night follows the day by turns.

We already know that the Earth completes the one revolution around the sun in an elliptical orbit in one year. Specifically, the earth completes one revolution in 365 days and about 6 hours. For our convenience we consider 365 days in a year. The remaining 6 hours are added over a period of 4 years till they become 24 hours or one day. This extra day is added to the month of February every four years to make it a month of 29 days instead of 28 days. The year of 366 days is called leap year.

Q1. How do day and night occur on the earth?

Q2. Write the difference between rotation and revolution of the earth.

**English**

Letter Writing – value points -The Postmaster

[Name of Post Office]

[City]

Date: // \_\_\_\_

Subject: Complaint about irregular delivery of letters

Respected Sir

- Would like to draw your attention-

Resident of \_ for the last few weeks, letters are not being delivered on time- reach us after many days- Due to this problem, we miss important letters- causes a lot of inconvenience to the residents of our area- Request you to look into the matter and take necessary action.

Thanking you.

Yours faithfully,

[Your Name]

Doing part – Write down a letter to the postmaster complaining about the bad behaviour of the postman.