Weekly planner

Week-08

Subject: Physics (0625) **Name of the faculty: S.M Tanvir**

Grade-9

Day: Sunday to Thursday Date: 10/03/24 to 14/03/24	**Learning objectives and Outcomes**: ✔ To describe magnetic forces between magnets. ✔ To distinguish between hard and soft magnetic materials.	**Tools and resources**	***Special remarks***
Day-01	**Ice breaking-** (5 minutes) Ask the students if they have any idea regarding magnetism? How many poles are there in a magnet? Does the earth have a big magnetic core? **Development activities-** (30 minutes) **Practical implementation-** Two bar magnets will be shown in the class and students will be asked to identify the poles and properties of the bar magnet. **Physical demonstration-** Physical demonstration of magnetic field will be shown by a bar magnet. Drawing of the magnetic field will be done on white board to demonstrate the magnetics properties of the bar magnet. Detailed discussion will be held on – **like poles repel and unlike poles attract.** **Interactive white board session-** Students will be called on the board and draw the magnetic field lines of North and South poles. **Closing activities-** (5 minutes): Question/answer session will be conducted.	Text Book Marker Board Video clips Worksheets	
Day-02	**Ice breaking-** (5 minutes) Students will be asked about magnetic materials. They will also be asked; do they know the type of magnetic materials? **Development activities** (30 minutes): **Think-Pair-Share: -** Implement the think-pair-share technique where students individually think about the hard and soft magnetic materials**.** About their uses and examples.	Text Book Marker Board Video clips Worksheets	

	A brief discussion will be held on induced magnetism, magnetized and demagnetised. **Case study-** Questions 1-4 will be solved in the class. **Closing activities-** (5 minutes): Question/answer session will be conducted.		
Day-03	**Ice breaking-** (5 minutes) Students will be encouraged to share their thoughts about the magnetic field lines of the earth. **Development activities-** (30 minutes) **Video demonstration-** https://www.youtube.com/watch?v=Gea4cEA5Ris Students will be taken to ICT lab and the following video will be played. The video will be explained in detail. **Group discussion:** They will be divided into three groups and let them share their thoughts with the group members. **Q/A session** will be held about the magnetic field lines of the earth. **Closing activities-** (5 minutes): Question/answer session will be conducted.	Text Book, Marker, Board Video clips Worksheets	

Differentiation: By content / Process/ Product/Environment/Class performance.	**Home work:** **Question 5 and 6 (page-299)**	**Assessment tools & strategies:** Formative assessment **Reflection (if any):**