

CLASS – 4

CHAPTER – 8 –Carts and wheels

LESSON PLAN

Learning Goals	The lesson is related to the shapes and spatial understanding. It gives an opportunity to the students to draw freehand circles with different objects and identify the centre, radius and diameter of circle.
Learning Outcomes (LO)	Students will be able to- 1) Learn to draw circles of different sizes 2) Identify the circular objects 3) Name and identify the geometrical instruments 4) Find the centre and radius of a circle 5) Make a spin top 6) Make designs in a circle using compass 7) Solve simple problems related to centre, radius and diameter of a circle
Teaching Learning Activities Planned	1) Make circles using coins, bangles etc. 2) Observe and identify round and circular objects from the surroundings. 3) Collect objects which are circular like bottle cap , bangles, rings etc top a class, 25 p coin. 4) Teacher will show the geometrical instruments and children will name and identify them. 5) Finding the centre of a circle by paper folding 6) Finding the radius of different types of wheels. 7) Using compass make designs in circles of different radii. 8) Drill and practice exercise to find radius and diameter.
Questions on TLOs, HOTS & Correlation with other subjects	1) Name the objects around you that you can use to trace a circle. 2) Which object will make the smallest circle?

	3) Which object will make the biggest circle? 4) Write the names of the geometrical instruments. 5) Measure the radius and diameter of the given circles 6) Using compass make three design in three separate circles. 7) Using compass draw circles of the following radii with radius 1.5cm, 2 cm, 3.5 cm CORRELATION : Integration With Art, EVS , Language and Games
Life Skills to be developed	1) Team spirit 2) Team work 3) Leadership 4) Creativity and imagination power 5) Aesthetic sense 6) Drawing skills 7) Creativity 8) Drawing skills and constructions
Suggested Activities to inculcate Life Skills	1) Games with circles 2) Children will play some games by making circles with a string, rope and nail 3) Identify round and circular objects from surroundings 4) Find the radius of different types of wheels 5) Play game using spin top 6) Children will draw Rangoli Designs using circles 7) Construction of circle of given radius
<u>Strategies to evaluate Life Skills</u>	1) Group Task- Evaluation by assessing the performance of the students while games with circles. 2) Individual Task 3) Evaluation by asking the name of various geometrical instruments 4) Group Activity

	5) Evaluation through how children make their spin tops 6) Activity sheet for evaluation 7) Evaluation through their performance
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