

Pré-Content/Content/ Post Content	Learning Outcome/ Objectives	
	GENERAL	SPECIFIC
<u>Pre-content</u> Knowledge about 2D and 3D figures. <u>Content</u> Concept of Top View, Side View , Front View Draw and label Top View, Side View , Front View in a given figure <u>Post content</u> Designing a three dimensional figure given the side, top, and front views of the figure.	Students will be able to recall the 2D and 3D figures and relate it to their surroundings. determine the correct view of a figure based on its orientation identify and draw the Top View, Side View , Front View in a given figure. construct and draw a three dimensional figure with side, top, and front views,	Students will be able to identify the 2D and 3D figures around them. extrapolate the concept and relate it with different views of a shape. locate and label the Top View, Side View , Front View of a figure. assimilate the concept of side, top, and front views in designing a 3D figure.

HOMEWORK/ ASSIGNMENT

Exercises from MathMagic.

Teacher's Activity	Student's Activity	Teacher's Observation and Remedial
Teacher will introduce the topic on some brainstorming questions about 2D and 3D figures. demonstrate the concept of different views by taking real life examples. conduct a group activity using different kind of bowls to indicate the various views in it. ANNEXURE-5 ask the students to design a 3D figure and identify all the different kind of views in it.	Students will relate 2D and 3D figures around them. understand the concept and relate it to their daily life. perform the activity and comprehend the concept of different views in an object. ANNEXURE-5 apply the knowledge of Top View, Side View , Front View in designing a figure using their creativity.	Teacher will write her/his observations after completion of the topic

Teaching Aids – : Smart Board ICR, MathMagic, 3 empty bowls of different size, A4 size sheets.

Methodology / Innovative Methods: learning by doing, deductive learning, Digital Technology

Interdisciplinary Links: linked with the different views of buildings around them.

HOD

Coordinator

Headmistress

Principal

Subject	MATHEMATICS
Class	IV
Chapter/Unit	The Way the World Looks
Topic	Concept of Top View, Side View , Front View
Time	30 minutes
Nature of Activity	Group

What will I learn(Learning outcome)?

Identifying the Top View, Side View, Front View of an object

Skills:- Applying ,Analysing, Understanding, Creating.

What I have to do?

To recognise the Top View, Side View , Front View via learning by doing.

What do I require?

3 empty bowls of different size, pencils, erasers, paper sheets.

What do I need to know?

Circle and its parts.

➤ **Teacher's Activity**

Teacher will divide the class in groups of three each.

How will I proceed?

➤ **Student's Activity**

Take out the 3 bowls (of different size).

- 1) Place the bowls on their desk.
- 2) Each member of the group will keep it in different manner.
- 3) Each of them will observe the front view, side view and top view of their bowls and draw them in your notebooks.

What have I observed?

Each group will keep their bowls in a manner that all the three views are visible and also draw them

Front view : _____

Top view : _____

Side view: _____

What have I learnt?

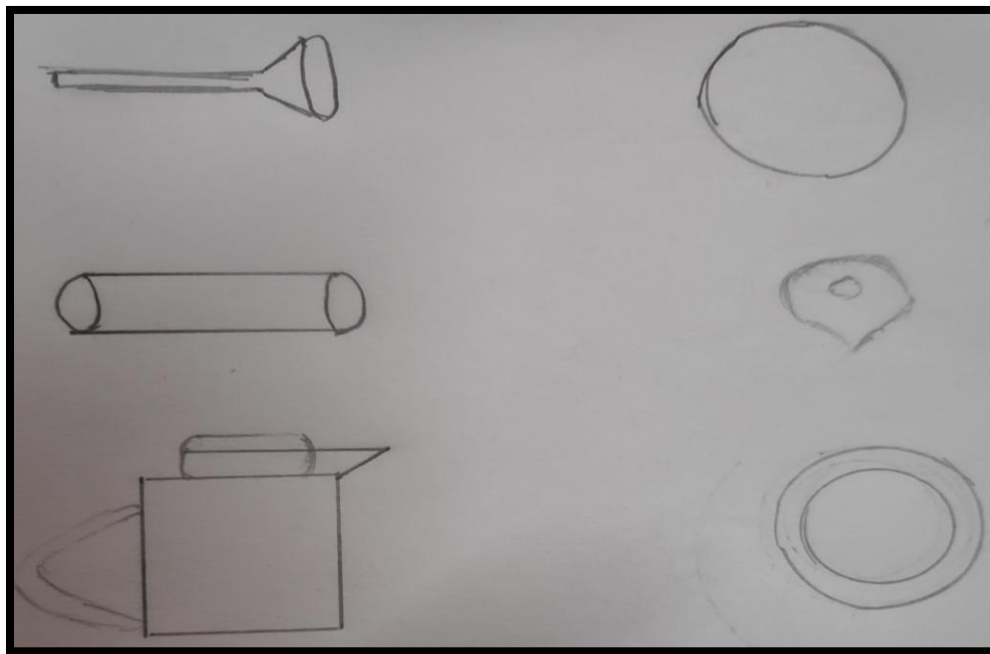
To identify Top View, Side View, Front View of an object.

What am I curious to know?

Draw pictures of some other objects from the side, top, front view etc.

Let me evaluate myself:

Q1) Draw lines to match the side view with the top view of the same object:



Q2) Draw the following

- Side view of a bus
- Top view of the teacher's table
- Front view of a car

--	--	--