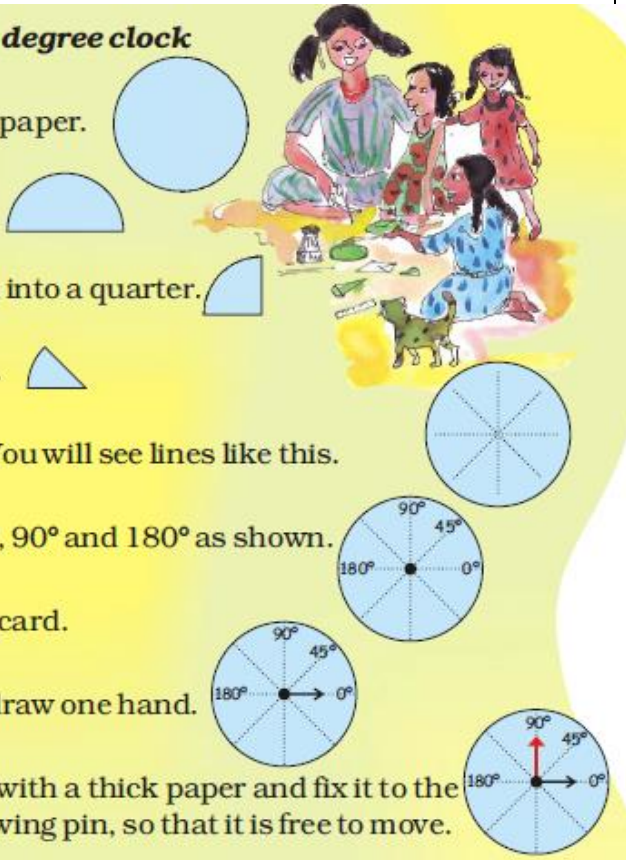


LESSON PLAN 4

CLASS-V	SUBJECT-MATHEMATICS	DAY-4	TIME DURATION-40 MIN
UNIT/NAME OF THE LESSON	CHAPTER 2 SHAPES AND ANGLES		
LEARNING OBJECTIVE	Measures the angle using protractor. Use the protractor to draw an angle. Construct the angle properly.		
CONCEPT OF THE DAY	MEASURING AND CONSTRUCTING THE ANGLE		
EXPECTED LEARNING OUTCOMES (ELO)	Students will be able to: 1. Measure the angle using protractor. 2. Can properly use the protractor to draw an angle. 3. Understand how to construct the angle correctly.		
TEACHING LEARNING MATERIAL (TLM)	Flash cards with different types of angles. Pictures to show the steps of construction of angle. Model of geometry box with protractor and scale.		
PREREQUISITE KNOWLEDGE	Students have the knowledge of angle and its types and can identify the angle on the things around them. They knew the types of angle and able to classify the angle.		
ASSESSMENT OF QUALIFYING KNOWLEDGE	Oral test: Teacher shows the picture of things and asks the children to identify the angle and its type. Give two examples for each type of angle such as acute, obtuse angle and right angle.		
TRANSACTION METHODOLOGY			

STARTER/ WARM UP: POEM (5 MIN)	Teacher asks the children to make the degree clock with the instruction by the teacher step wise. https://drive.google.com/open?id=1iYKmHXt3WNTl8hzmY3iKrIUE8P- S 7G Activity: Making a degree clock  1. Cut a circle out of paper. 2. Fold it into half. 3. Fold it once again into a quarter. 4. Fold it once more. 5. Open the paper. You will see lines like this. 6. Now mark 0°, 45°, 90° and 180° as shown. 7. Paste it on an old card. 8. From the centre draw one hand. 9. Make a red hand with a thick paper and fix it to the centre with a drawing pin, so that it is free to move.
EXPLANATION WITH VIDEO (10 MIN)	Teacher will show the video of constructing angles and asks the students to follow the instructions to construct the angle. https://drive.google.com/open?id=15hV3tqFRMtLmY9J08uha5aURceGYuy_O https://drive.google.com/open?id=1i_nJ3LDBq_t1KaCxNzHCU-ydFzOo3FkT

DEMOSTRATION USING MODEL PROTRACTOR AND SCALE (BOARD ACTIVITY) (7 MIN)	Teacher demonstrated the construction using the protractor and scale on the board to the students. Students asked to follow the step by step instruction to draw an angle correctly. https://drive.google.com/open?id=1W4clPbCvMBzUagyG0s3DNBglz84EENzT
EXPLANATION WITH PPT TO MEASURE THE ANGLE (7 MIN)	Teacher asks the students to watch the PPT and understand the concept of measuring the given angle. https://drive.google.com/open?id=1NcAEu0y8MJ1aIJpkiJDT3ckjFlbT0ZpL
QUESTIONING AFTER THE CLASS ROOM ACTIVITY &DISCUSSION (8 MIN)	Angle Tester How do we make equal angles? Let us make an angle tester. You also have an angle tester in your geometry box. It is called a divider.  * Cut two strips from a cardboard sheet. * Fix them with a drawing pin or  such that both the strips can move around easily. Teacher asks the students to make the angle tester using two strips of the paper and asks them to measure the angle given on the flash cards. Students were asked to explain the steps of constructing angle orally. https://drive.google.com/open?id=1_qBXdcHebZPu7Kf-Kx4PYHlrL9TrYnZz
CLOSURE (5 MIN)	Students will be asked to construct the angle of given measurement.

SUGGESTED FIELD ACTIVITY (can be done in FW period)	Students were asked to use Washi Tape and measure out the different angles the classroom door can show.
HOME LEARNING	Worksheet will be given to the students to solve from home. Worksheet-1: https://drive.google.com/open?id=1-czTt1EbdrGuvUe1oiTVPYOr2ep34L01
EXTERNAL RESOURCES	NCERT book CLASS V – Maths Videos from internet.