

VASAVI COLLEGE OF EDUCATION

LESSON PLAN

NAME OF THE TRAINEE : S. PADMA VAISHNAVI

NAME OF THE SCHOOL : BHARATHA DEVI ENGLISH HIGH SCHOOL

NAME OF THE CLASS : VIII

NAME OF THE SUBJECT : MATHEMATICS

NAME OF THE UNIT : MEASUREMENTS

NAME OF THE TOPIC : AREA OF THE COMBINED FIGURES

STRENGTH OF THE CLASS : 37

DURATION : 45-min

DATE : 21.02.2018.



GENERAL OBJECTIVES

pupil will be able to

- * Acquire knowledge in defining area and perimeter
- * Understand the derivation of the formulae of all figures.
- * Apply the formulae in solving problems.
- * acquire ability of Computing

SPECIFIC OBJECTIVES

pupil will be able to

- * acquire knowledge in differentiating area and perimeter
- * State the formulae of all figures.
- * apply the concept in real life situations.
- * Acquire skill of measuring

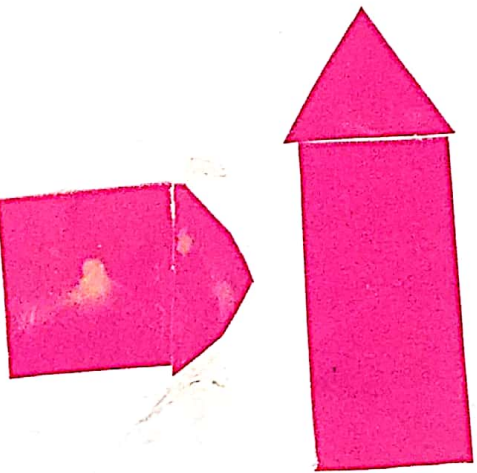
Text Book : VIII Standard Tent book

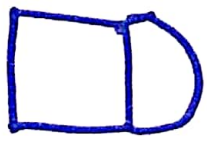
Reference Book : CBSE X std tent book.

Teaching Aids : Flash cards, Model, Chart,
Black board.

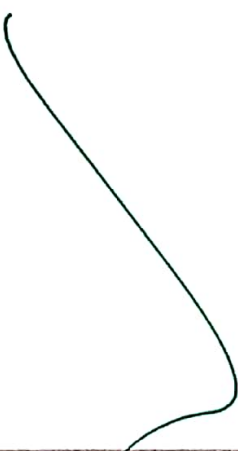
OBJECTIVES / GIST / CONTENT / SKILLS / CONCEPTS / PRINCIPLES	TEACHER'S ROLE METHOD / TECHNIQUES / QUESTIONS / DISCUSSIONS	STUDENTS ROLE	TEACHING AIDS USED	Summarizing or Evaluation Questions and Learning outcomes
MOTIVATION	The teacher asks Questions to motivate the students to bring out pre-requisite knowledge.	Students were able to answer the questions as they have learnt in VII std.	Black board	Concept of Area and Perimeter
Recalls	What is Area? What is Perimeter?	It is a portion inside the closed figure in plane surface. The Perimeter is a total measure of closed boundary of the figure.		Area: Inner Perimeter Perimeter: boundary.

OBJECTIVES / GIST / CONTENT SKILLS / CONCEPTS	TEACHER'S ROLE METHOD / TECHNIQUES QUESTIONS / DISCUSSIONS	STUDENT ROLE	TEACHING AIDS	SUMMARISING OF EVALUATION OF QUESTIONED L.O
PRESENTATION	The teacher introduces the topic by writing it on the black board "Area of Combined figures"	Student observes and takes down the topic in their note book.	black board.	Area of Combined figures.
EXPLANATION	The teacher explains the topic by saying it meaning.	Student observe	black board.	

OBJECTIVES / AIST / CONTENT / SKILLS	TEACHER'S ROLE METHOD / TECHNIQUES / QUESTIONS / DISCUSSIONS	STUDENTS' ROLE	TEACHING AIDS USED	SUMMARIZING OF EVALUATION QUESTIONS AND LEARNING OUTCOMES
EXPLANATION	The combination of two figures in a unique way and to find area for that figure. Teacher recalled the formulae to find area of different figures.	Student keenly listen to the class	Blackboard	Area of Combined figures 

OBJECTIVES / GISR CONTENT / SKILLS / CONCEPTS	TEACHER'S ROLE METHOD TECHNIQUES QUESTIONS	STUDENTS ROLES	TEACHING AIDS USED	SUMMARIZING OF EVALUATION QNS AND LEARNING OUTCOMES
COMPARISON OR DIFFERENTIATION	Teacher Compares the area and Perimeter Calculation for the above figure. Differentiating between area and perimeter	Students were able to Calculate either area and Perimeter Since they know the formulae. area is the inner covered Portion perimeter is boundary of the figure.	Chart Model.	 

GENERALISATION

OBJECTIVES / GIST / CONCEPT	TEACHER'S ROLE METHOD / TECHNIQUES QUESTIONS / DISCUSSION	STUDENT'S ROLE	TEACHING AIDS USED	SUMMARIZING OR EVALUATION QUESTIONS AND LEARNING OUTCOMES
	Teacher Generalised the concept of finding area of combined figure She included the student's to generalise the concept.	Students were able to generalise the concept, that the student answered, irrespective of the figure, area to be found out for each and hence to be summed up	Black board Flash card. 	Generalisation of concept.

OBJECTIVES / LEARNING CONTENT / SKILLS	TEACHER'S ROLE METHOD / TECHNIQUES	STUDENT'S ROLE	TEACHING AIDS USED	SUMMARIZING OF EVALUATION QUESTIONS
RECAPITULATION	The Recapitulation was done by the teacher for the entire concept in a nut shell.	Students eagerly Participated in the question are by the teacher	Flash cards.	Recapitulation the entire concepts.
RECOLLECTS	What is the formula to find area of triangle: What is the formula to find Perimeter of Rectangle	$\frac{1}{2} b \times h$ Sq. units $2(l+b)$ units		

OBJECTIVES/QUIST CONTENT	TEACHER'S ROLE METHOD TECHNIQUES	STUDENT'S ROLE	TEACHING AIDS	SUMMARIZING OF EVALUATION
APPLICATION	The teacher explained how to solve the Problem.	Students were able to do the sum since they know the formulae for both figures	Black board.	Teacher achieved her learning outcome as the students are able to perform the sum.
	Find the area of the figure if length and breadth of rectangle is 10 by 6 and base is 6 and height of triangle is 8cm.	Area of Rectangle: $l \times b$ 10×6 $= 60 \text{ cm}^2$ Area of triangle: $= \frac{1}{2} b h$ $\frac{1}{2} \times 6 \times 8$ $= 24 \text{ cm}^2$ $\therefore$ Total area of figure is 24 cm^2.		

OBJECTIVES/ GIST
CONTENT/ SKILLS

ASSIGNMENT

TEACHER'S ROLE
METHOD/ TECHNIQUES

Students were
give problems
for practice
for home
assignments

STUDENTS' ROLE

Students were
instructed
to complete
it by
next day.

TEACHING AIDS
USED

Text Book
EX: 2.2

Summarizing of
Evaluation Question

Problems for
Practice

SIGNATURE

TEACHER
TRAINEE

GUIDE
TRAINEE

S.M.L.
TRAINEE