



**CLASS – 8<sup>th</sup>**

<b>CLASSES REQUIRED</b>	Volume and surface area: 22
<b>TOPIC</b>	Volume and surface area
<b>CONCEPT &amp; SKILLS</b>	To identify curved surface area and total surface area of solids To calculate surface area and volume of solids, cuboids ,cylinders etc
<b>LEARNING OUTCOMES</b>	Students will learn the difference between surface area and volume of solids Differentiate between volume and capacity Solve problems from everyday life situations
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Textbook , practice questions , models of geometrical figures
<b>PEDAGOGY</b>	Lecture method , demonstration of geometrical figures , peer learning
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Class assignment based on question , revision exercise , individual and group activities
<b>ASSESSMENT</b>	Written assignment Individual activity Group activity
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Question based on text book , revision exercise