

CLASS–7<sup>th</sup>

<b>CLASSES REQUIRED</b>	Simple Linear Equations : 12
<b>TOPIC</b>	Simple Linear Equations.
<b>CONCEPT &amp; SKILLS</b>	Introduction, meaning of equation, balancing an equation, roots of an equation. Solution of a linear equation by two methods; trial and error method and systematic method. Application of linear equations.
<b>LEARNING OUTCOMES</b>	Students will be able to understand the meaning of constant, variable and equation. Students will be able to find the like terms, transposing the like terms and solve the equation having the variable both sides. They will be able to convert day-to-day problems into equations and solve them. Students will come to know the application of linear equations. They will be able to understand how to proceed from known to unknown.
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	Text book for the topics, practice questions, individual activity.
<b>PEDAGOGY</b>	Lecture method, discussion, to make the equations for the situations given in the form of word problem to connect known with unknown.
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Class assignment based on questions from the text book, revision exercise, individual activity for introduction to simple linear equations.
<b>ASSESSMENT</b>	Written assignment Individual activity Worksheets.
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	Questions based on text book, revision exercise, individual activity.