Keywords: Autumn 2
Year 9 Maths Class 9-7, 9-6

Topic Title:

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

Solving equations – brings together the inverse order of operations with absolutes and variables in entirely logical processes.

Practical application of shape and angle theory to find missing angles in shapes and parallel lines.

Bearings and Scale diagrams allow for real-life skill extensions of angle and ratio theory for maps, models and measurements.

Keyword	Definition
Solving	Logically determining the value of unknowns
Parallel	Two or more lines, edges or pathways, travelling in the precisely the same direction.
Scale	The ratio of an image, copy or model to an original
Congruence	Precise copies of shape in both size and shape.
Similarity	Precise copy in shape alone. Size will differ.
Enlargements	Similar shapes and their relative sizes – possibly including three dimensions
Rotations	Movement in an arc or full circle about a specified point
Bearings	Practical application of angles as measures of rotation compared to North
Rearranging	Making specified terms, the subject of equations or formulae