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

Topics: Polygons and Probability.

We are going to learn some definitions of polygons along with their properties in terms of symmetry, methods of calculating areas and perimeters. We'll also be learning about likelihood, forecasts and how to express probability.

Keyword	Definition
Polygon	A closed shape formed purely from straight sides
Property	An identifiable feature of individual shapes
Symmetry	The quality of being made up of exactly similar parts facing each other or around an axis.
Rotational Symmetry	A shape has Rotational Symmetry when it still looks the same after some rotation about it's centre.
Perimeter	The distance around the outside of a two dimensional shape
Area	The space occupied by a shape
Compound shape	One which could be shown as two or more simpler shapes joined together
Probability scale	Expressed in words or using numbers, a line showing a spectrum of likelihoods
Events	Something that takes place
Outcome	The result of an event – win, lose, draw etc.
Sample space diagrams	A method of representing all the possible outcomes of events
Relative frequency	A measure of the past - Outcomes divided by Events
Experimental probability	Using Relative frequency as an estimation tool for the future
Theoretical probability	A calculated value which assumes an element of "fairness"