

TS POLYCET Syllabus 2025

Name of the subjects	Topics
Mathematics	<ul style="list-style-type: none"> • Real Numbers • Logarithm • Polynomials • Pair of Linear Equations in two variables • Sets and their representation • Applications of Trigonometry • Straight Lines • Basic Operations on sets • Quadratic Equations • Statistics • Circles • Similar Triangles • Probability • Mathematical Modelling • Tangents and Secants to Circle • Constructions • Arithmetic Progression • Trigonometry
Physics	<ul style="list-style-type: none"> • Reflection of Light at curved Surface • Refraction of light at curved surface • Human eye and colourful world • Electric Current • Electromagnetism
Chemistry	<ul style="list-style-type: none"> • Chemical Equations and Reactions • Acid, Bases and Salts • Classification of Elements and Periodicity • Structure of atom • Chemical Bonding • Carbon and its compounds • Principles of Metallurgy
Biology	<ul style="list-style-type: none"> • Respiration • Nutrition • Transportation • Excretion • Control and Coordination • Coordination in Life Processes • Heredity • Our Environment • Natural Resources • Reproduction

