Class 5 – Science & Maths

Course Syllabus

Science

Module 1: Living World
Topics: plants, animals and how they adapt to their surroundings

Module 2: Human Body
Topics: skeleton, muscles, digestion, breathing and sense organs

Module 3: Food and Health
Topics: nutrients, balanced diet, diseases and prevention

Module 4: Matter and Materials
Topics: properties of materials, changes in matter

Module 5: Force, Energy and Light
Topics: types of force, forms of energy, light and shadows

Module 6: Water, Air and Weather
Topics: the water cycle, air pressure, weather and climate

Module 7: Earth and Space
Topics: our planet, the Sun, the Moon and the planets

Mathematics

Module 8: Numbers and Place Value
Topics: numbers in lakhs, Indian and international systems, rounding

Module 9: The Four Operations
Topics: addition, subtraction, multiplication and division with big numbers

Module 10: Factors and Multiples
Topics: tables, divisibility rules, common factors and multiples

Module 11: Fractions and Decimals
Topics: types of fractions, adding and subtracting, decimal numbers and their uses

Module 12: Geometry and Angles
Topics: measuring angles, triangles, four-sided shapes, circles

Module 13: Perimeter, Area and Volume
Topics: formulas for squares and rectangles, basic volume

Module 14: Measurement, Time and Money
Topics: changing units, time problems, profit and loss basics

Module 15: Data Handling
Topics: bar graphs, line graphs, average