



Important Note: NGSE Mains will have questions related to the following concepts / topics. NGSE Advanced will include all the topics you have studied in the earlier classes, apart from the following.

Sr. No	Mathematics: Daily life applications and understanding of the following :
1.	Rational Numbers
2.	Linear Equations in One Variable
3.	Quadrilaterals
4.	Practical Geometry
5.	Data Handling
6.	Squares and Square Roots
7.	Cubes and Cube Roots
8.	Comparing Quantities
9.	Algebraic Expressions and Identities
10.	Solid Shapes
11.	Mensuration
12.	Exponents and Powers
13.	Direct and Inverse Proportions
14.	Factorisation
15.	Number Math
16.	Graphs

Sr. No	Science: Daily life applications and understanding of the following :
1.	Crop Production and Management
2.	Microorganisms
3.	Synthetic Fibres and Plastics
4.	Metals and Non-Metals
5.	Coal and Petroleum
6.	Combustion and Flame
7.	Conservation of Plants and Animals
8.	Cell Structure and Functions
9.	Reproduction in Animals
10.	Reaching the age of Adolescence
11.	Force and Pressure
12.	Friction
13.	Light and Sound
14.	Chemical Effects of Electric Current
15.	Natural Phenomena
16.	Stars and the Solar System
17.	Pollution of Air and Water
18.	General Knowledge on Science

Let us run your car with Water and
connect its vent pipe to your Nostrils
to have pure Oxygen!

