



**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	<b>Mathematics:</b> Daily life applications and understanding of the following :
1.	Number Systems
2.	Polynomials
3.	Co-Ordinate Geometry
4.	Linear Equations in Two Variable
5.	Introduction to Euclid's Geometry
6.	Lines and Angles
7.	Triangles
8.	Quadrilaterals
9.	Areas of Parallelograms and Triangles
10.	Circles
11.	Constructions
12.	Heron's Formula
13.	Surface Areas and Volumes
14.	Statistics
15.	Probability

Sr. No	<b>Science:</b> Daily life applications and understanding of the following :
1.	Matter and its Composition
2.	Atoms and Molecules
3.	Structure of the Atom
4.	Cells and Tissues
5.	Diversity in Living Organisms
6.	Motion, Force and Laws of Motion
7.	Gravitation
8.	Work and Energy
9.	Sound
10.	Diseases and Hygiene
11.	Natural Resources
12.	Food Resources
13.	General Knowledge on Science

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

