



**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.	Numbers
2.	Basic Algebra
3.	Geometrical Shapes and Angles
4.	Big and Small
5.	Parts and Wholes
6.	Rotation and Symmetry
7.	Factors and Multiples
8.	Embedded Figures
9.	Direction and Sense
10.	Three Dimensional Shapes - Cube and Cuboids
11.	Tenths and Hundredths
12.	Area and Perimeter
13.	Smart Charts
14.	Multiplication and Division
15.	Time, Mass and Volume
16.	Money
17.	Representation of Data

Sr. No	<b>Science:</b> Daily life applications and understanding of the following
1.	How Senses work
2.	Animals and Plants
3.	Taste and Digestion
4.	Food and Health
5.	Air and Water
6.	Hygiene and Diseases
7.	Natural Resources
8.	Natural Calamities
9.	Earth and Universe
10.	Seed Germination
11.	First Aid
12.	Pollution
13.	Transportation
14.	Freedom Fighters
15.	General Knowledge on Science

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

