



**Group A : 5<sup>th</sup> to 7<sup>th</sup> STD ( Science Syllabus)**

-: Note :-

Dear All Student & Friends, the topics in this course are related to each other and we should study it together.

5 <sup>th</sup> Standard	6 <sup>th</sup> Standard	7 <sup>th</sup> Standard
<b><u>Chapter No. 01</u></b>		
01. Our Earth and Our Solar System 02. Motions of the Earth	01. Natural Resources – Air, Water & Land	01. Properties of Natural Resources 02. Natural Resources
<b><u>Chapter No. 02</u></b>		
01. The Earth and its Living World	01. The Living World 02. Diversity in Living Things & their Classification	01. The Living World : Adaptations and Classification. 02. Plants : Structure & Function
<b><u>Chapter No. 03</u></b>		
01. Environmental Balance	01. Disaster Management	01. Disaster Management
<b><u>Chapter No. 04</u></b>		
01. Constituents of Food 02. Methods of Preserving Food. 03. Substances, Objects and Energy.	01. Substances in the Surroundings – Their States & Properties 02. Substances in Daily Use	01. Food Safety 02. Materials we use
<b><u>Chapter No. 05</u></b>		
01. Growth and Personality Development 02. Community Health & Hygiene	01. Nutrition & Diet.	01. Nutrition in Living Organisms.
<b><u>Chapter No. 06</u></b>		
01. Infectious Diseases & How to Prevent them		
<b><u>Chapter No. 07</u></b>		
01. Busy at Work – Our Internal Organs	01. Our Skeletal System and the Skin.	01. Cell Structure & Microorganisms. 02. The Muscular System & Digestive System in Human Beings.
<b><u>Chapter No. 08</u></b>		
		01. Changes – Physical and Chemical 02. Elements, Compounds & Mixtures.

5 <sup>th</sup> Standard	6 <sup>th</sup> Standard	7 <sup>th</sup> Standard
<b><u>Chapter No. 09</u></b>		
	01. Motion & Types of Motion 02. Force and Types of Force 03. Work and Energy. 04. Simple Machines.	01. Measurement of Physical Quantities. 02. Motion, Force and Work. 03. Static Electricity. 04. Heat.
<b><u>Chapter No. 09</u></b>		
	01. Sound. 02. Fun with Magnets.	01. Sound : Production of Sound 02. Properties of a Magnetic Field
<b><u>Chapter No. 10</u></b>		
	01. Light & The Formation of Shadows.	01. Effects of Light.
<b><u>Chapter No. 11</u></b>		
	01. The Universe	01. In the World of Stars.

**Group A : 5<sup>th</sup> to 7<sup>th</sup> STD ( Maths & Geometry Syllabus)**

5 <sup>th</sup> Standard	6 <sup>th</sup> Standard	7 <sup>th</sup> Standard
<b><u>Chapter No. 01</u></b>		
01. Roman Numerals 02. Number Work 03. Addition and Subtraction 04. Multiplication and Division		
<b><u>Chapter No. 02</u></b>		
01. Fractions 02. Decimal Fractions	01. Integers 02. Operations on Fractions 03. Decimal Fractions	01. Multiplication and Division of Integers 02. Operations on Rational Numbers
<b><u>Chapter No. 03</u></b>		
01. Multiples and Factors	01. Divisibility	01. Indices 02. Algebraic Expressions and Operations on them. 03. Algebraic Formulae - Expansion of Squares
<b><u>Chapter No. 04</u></b>		
	01. HCF – LCM	01. HCF – LCM
<b><u>Chapter No. 05</u></b>		
	01. Equations 02. Ratio – Proportion.	01. Direct Proportion and Inverse Proportion
<b><u>Chapter No. 06</u></b>		
	01. Percentage 02. Profit – Loss 03. Banks and Simple Interest	01. Banks and Simple Interest

5 <sup>th</sup> Standard	6 <sup>th</sup> Standard	7 <sup>th</sup> Standard
<b><u>Chapter No. 07</u></b>		
01. Problems on Measurement 02. Preparation for Algebra.		
<b>Geometry</b>		
<b><u>Chapter No. 08</u></b>		
01. Angles.	01. Basic Concepts in Geometry 02. Angles 03. Geometrical Constructions	01. Angles and Pairs of Angles. 02. Geometrical Constructions
<b><u>Chapter No. 09</u></b>		
01. Circles 02. Perimeter and Area 03. Three Dimensional Objects and Nets.	01. Triangles and their Properties 02. Quadrilaterals 03. Symmetry 04. Three Dimensional Shapes	01. Circle 02. Perimeter and Area. 03. 'Pythagoras' Theorem
<b><u>Chapter No. 10</u></b>		
01. Pictographs. 02. Patterns	01. Bar Graphs	01. Joint Bar Graph. 02. Statistics.

### **Group A : 5<sup>th</sup> to 7<sup>th</sup> STD ( General Knowledge Syllabus)**

Part – 1 (Space Technology)	Part – 2 (Techno kids)
01. Space Science 02. Rocket Science. 03. Indian Scientists 04. Foreign Scientists 05. Astronauts (Indian & International) 06. International Space Organisations 07. Indian Space Organisations (ISRO) 08. Nuclear Technology 09. Biotechnology 10. Defense Technology. 11. DRDO 12. Current Affairs in world regarding Environment, Science, Agriculture.	01. Artificial Intelligence. 02. Augmented Reality. 03. Internet of things. 04. Cyber Security. 05. Machine Learning. 06. Robotics. 07. Automation. 08. STEM. 09. Data Science. 10. Genomics. 11. Nanotechnology. 12. Intelligence.

#### **\* महत्वाची सुचना \***

विद्यार्थी मित्रहो, जनरल नॉलेजचा अभ्यासक्रम हा अत्यंत बेसिक असणार असून हा अभ्यासक्रम भविष्यातील तंत्रज्ञानाच्या संबंधित असल्यामुळे परीक्षेत समाविष्ट केलेला आहे. नोबेल सायन्स टॅलेंट सर्च परीक्षा ही एकमेव परीक्षा या अभ्यासक्रमाचा समावेश करणारी परीक्षा आहे. तसेच या विषयांबद्दल भविष्यात मोठमोठ्या करिअरच्या संधी उपलब्ध आहेत. विद्यार्थी दशेपासून या घटकांचे ज्ञान असणे अपेक्षित आहे.

मित्रहो स्पेस टेक्नॉलॉजी तसेच टेक्नोकिड्स या टॉपिक्स बद्दल जयदीप पाटील सरांचे स्वतंत्र ऑनलाइन कोर्स देखील उपलब्ध आहेत.

याबद्दल माहितीसाठी आपण ७२१८५०१४४४ या क्रमांकावर व्हाट्सअप द्वारा मेसेज करून चौकशी करू शकता.

## **Best of Luck For Your Exam**