



Bharatiya Vijnana Mandali

(AP Chapter of Vijnana Bharathi)

KOUSHAL 2020-21

8th Class – Syllabus

Section 1: MATHEMATICS

1. Rational Numbers.
2. Comparing Quantities.
3. Square Roots and Cube Roots.
4. Linear Equations in One Variable.
5. Exponents and Powers.
6. Algebraic Expressions.
7. Geometry.
8. Mensuration.

Section 2: SCIENCE

1. Acids and Bases.
2. Motion and Time.
3. Temperature and Its Measurement.
4. Electricity.
5. Reflection of Light.
6. Food.
7. Nutrition in Plants.
8. Respiration in Organisms.
9. Reproduction.

Section 3: INDIAN CONTRIBUTION TO SCIENCE

http://bvmap.org/Content/StudyMaterials/English/IndianContributions_English_Vibha.pdf

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KOUSHAL 2020-21

9th Class – Syllabus

Section 1: MATHEMATICS

1. Real Numbers.
2. Polynomials and Factorisation.
3. Linear Equations in Two Variables.
4. Lines and Angles.
5. Triangles.
6. Surface Area and Volume.
7. Statistics.

Section 2: SCIENCE

1. Force.
2. Friction.
3. Synthetic Fibers and Plastics.
4. Metals and Non-Metals.
5. Sound.
6. Coal and Petroleum.
7. Combustion Fuels And Flame.
8. Stars and Solar System.
9. Cell.
10. Micro Organisms.
11. Food Production from Plants And Animals.

Section 3: INDIAN CONTRIBUTION TO SCIENCE

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KOUSHAL 2020-21

10th Class – Syllabus

Section 1: MATHEMATICS

1. Real Numbers.
2. Polynomials.
3. Linear Equations in Two Variables.
4. Progressions.
5. Similar Triangles.
6. Tangents/Secants to A Circle.
7. Trigonometry.
8. Statistics.

Section 2: SCIENCE

1. Motion.
2. Laws of Motion.
3. Work and Energy.
4. Sound.
5. Units and Graphs.
6. Floating Bodies.
7. Refraction of Light at Plane Surfaces.
8. Refraction of Light at Curved Surfaces.
9. Human Eye and Colorful World.
10. Structure of Atom.
11. Classification of Elements.
12. Chemical Bonding.
13. Nutrition.
14. Respiration.
15. Cell.
16. Tissues of Plants & Animals.

Section 3: INDIAN CONTRIBUTION TO SCIENCE

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