

**SYLLABUS 2020 - 2021**

**CLASS - 8**

**SUBJECT : SCIENCE**

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<b>2.Force and pressure</b>	2.1 Force 2.1.1 Effect of force 2.2 Pressure 2.3 Pressure exerted by Air 2.4 Force and Pressure in Liquids 2.4.1 Pressure exerted by liquids 2.4.2 Pascals law
<b>3.Light</b>	3.1 Mirrors 3.1.1 Spherical mirrors 3.1.2 Parabolic mirrors 3.4 Applications of curved Mirrors Concave Mirror Convex Mirror 3.6 Types of Reflection 3.6.1 Regular reflection 3.6.2 Irregular reflection
<b>4. Heat</b>	4.1 Effects of Heat 4.1.1 Expansion 4.1.2 Rise in temperature 4.1.3 Change of state 4.2 Transfer of Heat 4.2.2 Convection 4.2.3 Radiation 4.3. Calorimetry 4.3.1 Temperature 4.3.2 Unit of heat

<b>5. Electricity</b>	5.1 Atom 5.2 Charges 5.3 Transfer of charges 5.3.1 Transfer by friction 5.3.2 Transfer by conduction, Transfer by Induction 5.7.1 Series circuit 5.7.2 Parallel circuit
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<b>7. Magnetism</b>	7.1 Classification of Magnets 7.2 Magnetic properties 7.3 Magnetic field 7.5 Artificial Magnets 7.7 Uses of Magnets
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<b>15. Chemistry in Everyday life</b>	15.1 Hydrocarbons 15.1.2 Properties of Hydrocarbons 15.4 Coal 15.4.2 Types of coal 15.4.3 Uses of coal 15.8 Solar Energy
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