



## GENERAL SCIENCE GRADE -X

Chapter/Theme	Topic(s)
<b>1. Energy</b>	7.1 What is Energy? 7.1.1 Different forms of Energy 7.1.2 Inter-conversion of Energy from one form to another form 7.3 Sources of Energy 7.3.1 Solar Energy 7.3.2 Energy from Wind 7.3.3 Tidal Energy 7.3.4 Geothermal Energy 7.3.5 Bio-mass energy 7.3.6 Nuclear Energy
<b>2. Current Electricity</b>	8.1 Electric Current (Voltage, Resistance, Ohm's Law) 8.2 Components of Circuits their working and use in Electrical circuits 8.3 Electric Circuit and Combination of Resistance 8.4 Direct Current and Alternating Current
<b>3. Basic Electronics</b>	9.1.1 Electronics 9.1.2 n-type and p-type substances 9.1.3 P-n Junction Diode 9.2.1 Radio 9.2.2 Television
<b>4. Science and Technology</b>	10.1.2 Science and Technology in Pakistan 10.2.1 Lasers 10.3.1 Radio-activity 10.3.2 Properties of Radio-active rays 10.4.1 X-rays 10.4.2 Ultrasound 10.4.3 Electrocardiograph (ECG) 10.4.5 Magnetic Resonance Imaging (MRI) 10.4.6 Computerized Tomography Scan (C.T Scan) 10.4.7 Angiography
<b>5. Space and Nuclear Programme of Pakistan</b>	11.2 Pakistan's Space Programme 11. Pakistan's Nuclear Programme 11.3.1 Misuse of Nuclear Energy 11.3.2 Peaceful uses of Nuclear Energy