

CLASS 5 SCIENCE SYLLABUS 2023-24

MONTH	CONTENT	PROJECT /ACTIVITY/ VIDEO	ORAL WORK	WRITTEN WORK
Apr-23	(1) Parts of flowering plants *Root system *Shoot system	1) Parts of a plants 2) Draw the figure of a flowering plant with all the parts	Oral Questioning	Diagram i) Root system ii) Shoot system iii) Key question iv) Practicum zone
	2) Reproduction in flowering plants and plant growth *Reproduction *Germination	video sexual reproduction of a flowering plant Activity three bean experiment	Questioning key words discussion quick scroll	Diagram 1) LS of a flower 2)structure of a seed with two cotyledons
May-23	3) Different habitats of plants *Hydrophytes *xerophytes *Insectivorous plants	video Aquatic plants Terrestrial plants Xerophytic plant Activity Draw diagrams of the following i)coniferous forest in hilly areas ii) Hydrophytes in water iii)xerophytes in desert	Check yourself Wowser	Derive the following parasites,adaption,habitat Key words Mesophytes,saprophytes plants
Jul-23	4) Varying lifestyle in animals *Habitat *classification of animals	video Different habitat of aquatic animals Activity To make a bird table	Brain quest Key learning point	Diagram Feeding habits in animal
	5)Reproduction in animals *Reproduction and its types *Binary fission	Video Types of reproduction Activity Find out from where do we get silk and name of the plant on whose leaves silkworm feeds	of asexual reproduction Binary fission Budding Fregmentation	Diagram --life cycle of butterfly -Prepare the method of sexual reproduction
	6) Bones joints and muscles *Skeleton *Skull	Video Parts of human skeleton Activity Make a ball & socket joint & hinge joint using a cardboard & drawing pins	Differentiate between--- Types of joint Types of muscles	Diagram --Rib cage --ball&socket joint
Aug-23	7) Nervous system & sense organ *Neuron *Brain and its structure	Video working of sense organ Activity Construct structure of human brain and ear	To learn about different type of brain	1) Neuron 2)Structure of an eye
	8) food health and safety *Nutrients, Balanced diet, food fads	Video What is hygiene Activity 1)Take a small lighted candle and pore water or sand over it and see again and observe it 2) prepare a first aid box	Check yourself Balanced diet Nutrient	Answer the practicum zone and practice it

Sep-23	Half yearly exam/ revision			
Oct-23	9) types of rocks and minerals *Natural resources *Silicates	Video Classification of rocks Activity Collect some information f LPG gas that we are using in the kitchen	Key words Ore Mineral ore Fossil fuels	Diagram Fractionating column
	10) soil erosion and conservation *Soil formation *Layer of soil *Soil erosion and causes	Video Method to conserve the soil from erosion Activity Collect information and also photos of different embankments & dams in and around syour city	Quick scroll Learn about factors/agents causing soil erosion	Diagram Layers of soil Dam Terrace farming
Nov-23	11) air and water *Atmosphere *Composition of air	Video Layers of atmosphere Activity Take a beaker fill it with salt solution. Now keep the beaker on a burner and heat it and observe it	Key word Pollution Acid rain Chlorination	Diagram 1)sedimentation & decantation 2)seprating soluble impurities 3)fiteration
	12) force work and energy *Force *Work *Energy	Video Force are due to interaction Activity To show that light in straight line	Learn types of forces 1)Frictional force 2)Balanced force	1)Transparent object 2)Translucent object 3) Opaque object
Dec-23	13) simple machine *Lever *Inclined plane	Video Classes of lever Activity Make a toy truck on your own	Key word Pitch Pulley Simple machine	Diagram Classification of lever
	14) heavenly bodies *star *Galaxies *constellations	Video Solar system Activity Construct the structure of solar ystem	Quick scroll Learn the difference between galaxy and constellation	Diagram Solar eclipse & lunar eclipse
Jan-24	15) space exploration *Telescope	Video Different kind of satellite activity Make your own fuelless model of rocket	Key word Check yourself Wowser	Write the solution of practicum zone
	16) earth is our's –let us protect it *Food chain *Food web *Types of pollution	Video Interaction between living and non-living Activity Findout the number of factories present in your locality	Discussion 1)Control of air pollution 2)Control of water pollution	Learn the type of pollution
Feb-24	REVISION			
Mar-24	ANNUAL EXAMINATION			