

ARMY PUBLIC SCHOOL, MUMBAI (2018-2019)**STANDARD CURRICULUM****CLASS -VI****SUBJECT – SCIENCE**

<u>S.No</u>	<u>MONTH</u>	<u>LESSON</u>	<u>ACTIVITIES</u>	<u>SKILLS/VALUES</u>	<u>CORE VALUE</u>
1.	APRIL	Lesson: 1 FOOD: WHERE DOES IT COME FROM?	Germination of seeds such as Chick peas, Green gram, Black gram etc.	Knowledge of diet Effective communication	Knowled-ge
2.	APRIL/MAY	Lesson: 2 COMPONENTS OF FOOD	Preparing a chart on food habits of animals. Classifying food according to food components. Preparing a menu of a balanced diet.	Environmental sensitivity and awareness Teamwork	Knowled-ge Environm- ental awarenes-s
3.	JUNE	Lesson: 3 FIBRE TO FABRIC	Group discussion Collect different types of cloth to distinguish among them.	Generate general awareness. Environmental sensitivity and awareness	Environmental awareness
4.	JULY	Lesson: 4 SORTING MATERIALS INTO GROUPS Lesson: 5 SEPARATION OF SUBSTANCES	To collect and group things on the basis of properties ,i.e, roughness, lustre, transparency etc . To perform experiments on Hand picking, Filtration, Sedimentation Separation of a mixture of Salt and Sand.	See things logically. Develop skill of team work. Sensitivity towards the environment. Creative thinking	Positive attitude
5.	AUGUST	Lesson: 6 CHANGES AROUND US Lesson: 9 THE LIVING ORGANISMS AND THEIR SURROUNDINGS	Experiments with heating of wax, water etc. Reversible and irreversible changes and their examples To list the characteristics of living organisms and observe Germination under different conditions.	Team Work Ideas of ethical treatment	National Pride Scientific temperament
	AUGUST (contd)	Lesson: 7 GETTING TO KNOW PLANTS	Studying all the parts of a plant – Roots, Stem, Leaves and Flowers in detail in the class.	Positive attitude towards the surroundings.	National Pride Scientific temperament

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7.	OCTOBER	Lesson: 15 AIR AROUND US Lesson: 14 WATER	Discussion on why earthworms come out of the soil when it rains. To estimate the amount of water used by a family in one day, one month, one year. Differentiate between needs and wants.	Develop tolerance towards the environment. Positive Attitude towards conservation of water.	Respecting differences
8.	NOVEMBER	Lesson: 13 MAGNETS AND THEIR EFFECTS Lesson: 16 WASTE AND ITS MANAGEMENT	Demonstrate how things are attracted to a magnet. Activity to locate the poles of a magnet. Activity to show that like poles repel each other. Waste and its recycling Things that rot- Compost pit Observation of Landfills .	The confidence of the learner will be polished. Enhance the ability of being curious and decision making. Prevent pollution Sensitivity towards the environment Health and Awareness	Health and wellness
9.	DECEMBER	Lesson: 10 MEASUREMENTS AND MOTION	Observation of different types of motions and moving objects. Identifying different types of motions.	Obedience can be inculcated by making the learners aware of the motion Co-operation and observation during activity.	Camaraderie
	DECEMBER (contd)	Lesson: 11 LIGHT, SHADOW AND REFLECTION	Observe objects with a polished surface, eg: Mirror. Different sources of light	Knowledge of things around us Creative thinking Critical thinking.	Camaraderie
10.	JANUARY	Lesson: 12 ELECTRICITY AND CIRCUITS	Structure of a torch Prepare a circuit Study of materials like Mica, wood, rubber, water, metals etc. to show whether they are conductors or insulators.	Conviction and liveliness Problem solving ability	Self direction
11.	FEBRUARY	Lesson: 8 BODY MOVEMENTS	Collect information on Muscles and Bones in our body. The study of the Skeletal System	Sensitivity towards the environment Respect for living beings	Right Conduct

