

AIR FORCE SCHOOL BAMRAULI
ANNUAL SPLIT-UP OF SYLLABUS

Academic session: 2022-2023

CLASS : VI

SUBJECT : SCIENCE

BOOK : SCIENCE FOR CLASS VI

MONTH NAME	CHAPTER NO: & CHAPTER NAME	TOPIC/ SUBTOPIC	ACTIVITIES
APRIL	Ch: 1, Food: where does it come from? Ch:2, Component of food	Ch:1, Food variety, food materials and sources, plant parts and animal products as food, what do animals eat? Ch:2, what do different food items contain?, Test for protein, fats, and starch. What do various nutrients do for our body?, Balanced diet, deficiency diseases.	Ch:1 Activity : related to germinating Sprouted Seeds Activity : Grouping Of Animals Based On Their Eating Habits Ch:2 Activity : Test For Starch, Test For Protein, Test For Fats Activity : Food Materials Contain Water
MAY -JUNE	Ch-3 Fibre to fabric	Ch:3 variety in fabrics, fibre, some plant fibre, spinning cotton yarn, history of clothing material	Ch:3 Activity : Variety In Fabrics Activity : Finding Out Yarn From Fabric Activity : Strand Of Thread Called Fibre
JULY	Ch:4	Ch:4 Objects around us, properties of	Ch:4 Activity : Objects Around Us Activity : Materials With And Without Lustre

	<p>Sorting Materials into groups</p> <p>Ch:5 separation of substances,</p> <p>Ch:6 Changes around us</p>	<p>materials (appearance, hardness, soluble or insoluble, transparency, translucent etc)</p> <p>Ch:5 Methods of separation, Handpicking, threshing, winnowing, Sieving, sedimentation, decantation, Filtration, evaporation, condensation.</p> <p>Ch:6 Can all changes always reversed?, I.e reversible and irreversible changes, could there be other ways to bring a change?</p>	<p>Activity : Soluble Or Insoluble substance Activity : Solubility Of Some Common Liquids In Water Activity : Translucent</p> <p>Ch:5 Activity : Why Do We Separate Substances? Activity : Hand Picking Activity : Winnowing Activity : Sieving Activity : Filtering The Mixture Activity : Saturation Activity : Adding More Salt In Water After Saturation Activity : Substances Dissolving In Water</p> <p>Ch:6 Activity : Blowing Of Balloon Activity : Making Of Paper Plane Activity : observation of Dough Ball And Roti Activity : Blowing The Balloon And Bursting It Activity : Cutting A Outline Of Plane Activity : observation Of Roti On Tawa Activity : Burning Of Candle To See If The Changes Is Reversible / Irreversible</p>
AUGUST	<p>Ch:7 Getting to know plants</p> <p>Ch:8 Body movements</p>	<p>Ch:7 Herbs, shrubs and trees, stem, leaf (petiole, lamina, veins, midrib, leaf venation), Transpiration, photosynthesis roots(tap roots and fibrous roots), flower and its parts.</p> <p>Ch:8 Human body and its movements, Ball and socket joints, hinge joints, fixed joints, gait of animals (earthworm, snail,</p>	<p>Ch:7 Activity : Herbs, Shrubs And Trees Activity : related to Stem Activity : related to Leaf Activity : Starch In Leaf Activity : related to Root Activity : Activity with gram and cotton. Activity : Variety Of Root Activity : Tap Roots,Lateral Roots Etc Activity : related to Flower Activity : Structure Of The Ovary</p> <p>Ch:8 Activity : Human Body And Its Movements via demonstration.</p>

		cockroach, birds, fish), how do snakes move?	
SEPTEMBER	Ch-9 The living organisms and their surroundings	Ch:9 Organisms and the surroundings where they live, habitat and adaptation, journey through different habitats, some aquatic habitats, characteristics of the living beings	Ch:9 Activity : Animals, Plants Etc Found In Different Surroundings Activity : related to Germination
OCTOBER	Ch-10 Motion and measurement of distances Ch:11 Light shadows and reflections	Ch:10 Story of transport, how far have you travelled? How wide is this desk?, Some measurements, correct measurement of length, measuring the length of a curved lines, moving things around us, types of motion. Ch:11 Transparent, opaque and translucent objects, what exactly are shadows, a pinhole camera, mirror and reflections.	Ch:10 Activity : Foot As Unit Of Measurement Activity : Handspan As Unit Of Measurement Activity : Measuring Height Using Meter Scale Activity : Measuring The Length Of A Curved Line Activity : Moving Things Around Us Activity : Circular Motion Ch:11 Activity : Transparent, Opaque And Translucent Objects Activity : Pin Hole Camera Activity : Light Travels Along The Straight Line Activity :Mirrors And Reflections Activity : Light Travesl And Get Reflected.
NOVEMBER	Ch12 Electricity and circuits	Ch:12 Electric cell, a bulb connected to an electric cell, an electric circuit, electric switch, electric conductors and insulators	Ch:12 Activity : Electric Cell And Bulb Have Two Terminals Activity : A Bulb Connected To An Electric Cell Activity :Home Made Torch Activity : Make A Switch Activity : Conductors Of Electricity

	Ch-13 Fun with magnets	Ch:13 How magnets were discovered, magnetic and non magnetic materials, poles or magnet, finding direction, make your own magnet, attraction and repulsion between magnets, a few cautions.	Ch:13 Activity : Effect Of Magnet Activity : Magnetic And Non-Magnetic Materials Activity : Poles Of Magnets Activity : Finding Directions Activity : Freely Suspended Magnet Always Comes To Rest In The Same Direction Activity : Measurement Of Irregular Plane Surface
DECEMBER	Ch-14 Water Ch-15 Air around us	Ch:14 How much water do we use?, Where do we get water from, water cycle, back to the oceans, what happens if it does not rain for a long period? How can we conserve water?, Rainwater harvesting. Ch-15 Is air present everywhere around us?, What is air made up of ? How does oxygen become available to animals and plants living in water and soil?, How is the oxygen in the atmosphere replaced?	Ch:14 Activity 1: How Much Water Do We Use? Activity 2: Evaporation Activity 3: How Are Clouds Formed? Ch:15 Activity : Make A Firki
JANUARY	Ch-16 Garbage in, garbage out.	Ch:16 Dealing with garbage, vermicomposting, think and throw, recycling of	Ch:16 Activity : Separating The Garbage Into Groups

		paper, plastic – boon Or a curse?.	
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