



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for SCIENCE Grade III – I TERM

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1.	April/2 nd	8/4/18	Unit 1 The five Senses-Introduction What do sense organs do?/Eyes-The organ of sight/Eyelashes –its function	Name the five senses and their uses	1
		9/4/18	Ears-The organs of hearing/How we hear	Use each of the five senses to discover properties of objects in the environment	1
		10/4/18	Nose-The organ of smell/How we smell	Identify and name a body part used for each sense	1
		11/4/18	Tongue-The organ of taste/How we taste	Understand that the five senses work together	1
		12/4/18	Skin-The organ of touch/How we feel things by touch/Textbook Exercises	Describe how each sense works Receptors give us information about the things our body comes in contact with./Match the following, True/False, Fill in the blanks, Name the following	1
	April/3 rd	15/4/18	Activity	Construct five sense organs with clay/craft paper and write its function	1
		16/4/18	Worksheet test/Revision		1
		17/4/18	Science Practical	Video to show how to take care of the sense organs	1

Prepared By **Asma Faiz**

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2.	April/3 rd	18/4/18 19/4/18	Unit 10 Fun with Magnets- Introduction/What is a magnet? What can a magnet do?	Recognize different types of magnets and their properties	2
	April/4 th	22/4/18	Magnetic Materials/Magnetic Field	Distinguish between magnetic and non-magnetic materials	1
		23/4/18	North Pole and South Pole	The magnet's power is the strongest at the poles	1
		24/4/18	Textbook Exercises/Revision	Match the following, True/False, Fill in the blanks, Name the following	1
		25/4/18	Activity	Construct three different shapes of magnets with thermocol/clay	1
		26/4/18	Worksheet test		1
		29/4/18	Science Practical	Differentiate between magnetic and non-magnetic materials	1

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3.	April/4 th May /1 st	30/4/18 2/5/18	Unit 6 Materials Introduction/Types of materials/Properties of materials/Transparent or Opaque	State one or two characteristics of a range of common materials and make comparison between them for their properties	1
		03/5/18 6/5/18	Waterproof/Flexible/Magnetic/ Strong and hard materials/Conductors	Distinguish between different types of materials according to their shape,color,sizeetc	2
	May/ 2 nd	7/5/18	Paper/Metals/Plastics	Understand that paper is made from wood, metals from rocks and plastics are made from chemicals	1
		8/5/18	Glass/Fibres/Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		9/5/18	Activity	Collect different materials/objects – Compare,contrast and write their properties	1
		10/5/18	Worksheet test/Revision		1
		13/5/18	Science Practical	Differentiate between porous/non porous materials	1

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4.	May/3 rd	14/5/18	Unit 9 Circuits Introduction/Electric Current/Conductors and Insulators	Understand that a circuit needs a power source and that a complete circuit is needed for a device to work	1
		15/5/18 16/5/18	Flow of current	Recognize that a cell/battery is a source of energy and how a bulb lights up in a circuit	2
		17/5/18	A complete Circuit	Differentiate between a complete and an incomplete circuit	1
	May/4 th	20/5/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		21/5/18	Activity	Draw,color and label the different part of a complete and an incomplete circuit	1
		22/5/18	Worksheet test/Revision		1
		23/5/18	Science Practical	Construct a complete circuit using a battery,flex and bulb	1

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5.		24/5/18	Unit 7 The Solar System Introduction/What is the solar system/Objects in space-Planets	Identify objects present in the solar system. Order the planets positions in the correct sequence	1
	May/5 th	27/5/18 28/5/18	Dwarf Planets/Stars/Moons	Distinguish between a moon and a planet on the basis of distinct characteristics	2
		29/5/18	Difference and Similarities between a planet and a moon	Compare and contrast a planet and a moon	1
		30/5/18	Space Telescopes/Textbook Exercises	To introduce man-made objects that are present in the solar system and their role in the advancement of science and technology./Match the following, True/False, Fill in the blanks, Name the following	1
		31/5/18	Activity	Construct the crowns of different planets in a solar system	1
	June/1 st	03/6/18	Worksheet test/Revision		1
		04/6/18	Science Practical	Make a solar system with clay/craft paper	1

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5.	September/1st	04/9/18 to 18/09/18	Ist Term Exam		11

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II term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1.	September/4 th	23/9/18	Unit 2 Food Chains Introduction/What is a food chain? The four main parts of a food chain- Sun/Producers	Understand that plants and animals depend upon each other for food and survival	1
		24/9/18 25/9/18	Consumers	Differentiate between Herbivores,Carnivores,Omnivores and Scavengers/Link organisms together in food chains and food webs	2
		26/9/18	Decomposers	Understand that a bacterium or fungus breaks down the cells of dead plants and animals into simpler substances/Factors influencing the number of organisms in one part of a food web have an effect on other parts of the web	1
		27/9/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		30/9/18	Activity	Collect pictures of herbivores,carnivores and omnivores and stick them according to their feeding habits	1
	October/1st	01/10/18	Worksheet test/Revision		1
		02/10/18	Science Practical	Draw a food chain of your own.Choose an animal,find out what it eats,and then find out what food is eaten by the second animal.	1

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2.	October/1 st	03/10/18	Unit 8 Wind and Air- Introduction/What is air made of?	Recognize that air is composed of several gases	1
		04/10/18	Space	Differentiate between space and atmosphere according to their features/Perform an experiment to show that air occupies space	1
	October/2nd	07/10/18	What causes wind/Compressed air, Compressed air is useful	Investigate the causes of wind/Compressed air inflates objects and examples of inflated objects	1
		08/10/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		09/10/18	Activity	Bring some objects to show the uses of compressed air.	1
		10/10/18 11/10/18	Worksheet test/Revision		2
	October/3 rd	14/10/18	Science Practical	Perform an experiment to show that air has weight	1

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3.		15/10/18	Unit 11 Energy- Introduction/What is energy?We need energy	Energy is needed by all living things on Earth. Most of the energy comes from the Sun.	1
		16/10/18	Forms of energy	Compare and contrast the main types of energy by daily life examples	1
		17/10/18	Can energy change from one form to another?	Recognize that energy can never be destroyed but can be transferred	1
		18/10/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
	October/4th	21/10/18	Activity	An activity sheet will be provided to show the different forms of energy	1
		22/10/18 23/10/18	Worksheet test/Revision		2
		24/10/18	Science Practical	Construct an activity to show the difference between potential and kinetic energy	1

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4.		25/10/18	Unit 04 What plants produce- Introduction/Parts of a plant- Flowers,Fruits and Seeds	Understand and distinguish between the different parts of a plant and describe its function	1
	October/5th	28/10/18	Germination	How a seed grows into a new plant	1
		29/10/18	Vegetables-Leaf Buds,Roots,Leaves,Stems	Give examples of various vegetables with leaves, buds and understand their function and use	1
		30/10/18	Tubers,Fruits,FlowerBuds,Bulbs,Seeds	Give everyday examples of different fruits and vegetables and write their scientific names	1
		31/10/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
	November/1st	01/11/18	Activity	Construct groups of different parts of a plant with their examples/Bring some vegetables/fruits to class.Cut them open and examine the inner part.Make drawings and compare the vegetables/fruits	1
		04/11/18	Worksheet test/Revision		1
		05/11/18	Science Practical	Draw and color the different parts of a plant/Soak some seeds in a pot and observe the changes in its growth	1

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5.	November/1st	06/11/18 to 26/11/18	Revision		15
	November/2 nd	27/11/18 to 11/12/18	II nd Term Exams		

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III Term

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1.	December/4th	30/12/18	Unit 03- Insects Introduction/A typical insect	To recognize the different types of insects. Identify the different parts of an insect	1
		31/12/18	Insects are different from birds	Differentiate between insects and birds and able to know the basic features	1
	January/1 st	02/01/19	Friend or enemy	Distinguish insects on the basis of their useful or destructive qualities	1
		03/01/19	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
	January/2 nd	06/01/19 07/01/19	Activity	Collect some insects facts what they know about	2
		08/01/19	Worksheet test/Revision		1
		09/01/19	Science Practical	Make an insect with egg tray	1

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2.		10/01/19	Unit 12 Force– Introduction, What is force?What can force do?	Recognize that forces are pushes and pulls	1
	January/3 rd	13/01/19 14/01/19	Forces change the way things move.Forces can cause objects to move in a new direction	Understand the effect of forces on the movement,direction,speed and shape of objects	2
		15/10/18	Friction,Gravity	Understand that the force of gravity pulls everything down	1
		16/10/18	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		17/01/18	Activity	The students will have Tug of War	1
	January/4 th	20/01/18	Worksheet test/Revision		1
		21/01/19	Science Practical	Hold a rubber band.Ask the pupils to predict whether it can be stretched,twisted or pulled.Repeat this with some plasticine and stone.	1

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3.		31/01/19	Unit 5 The lifecycle of plants – Introduction,Life cycle of a plant	Correctly order the steps in the lifecycle of a plant	1
	February/1st	03/02/19	How plants reproduce,How seeds spread	Distinguish between pollen and seed dispersal and their mechanisms	1
		04/02/19 05/02/19	How plants make food	To provide opportunities to consider conditions that might affect germination	2
		06/02/19	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		07/02/19	Activity	Grow different types of seeds and observe the stages of germination	1
	February/2nd	10/02/19	Worksheet test/Revision		1
		11/02/19	Science Practical	Make a plant with clay/craft paper and label its parts	1

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4.	February/2 nd	12/02/18	Unit 13 Sound – Introduction, How is sound produced	Sound is a form of energy that cannot be seen but can be heard, Relate sounds to the sense of hearing	1
		13/02/18	How are sounds useful, Sounds can be high or low	Sounds can travel through solids, liquids and gases but cannot travel through a vacuum. Sense of hearing is used for communication as well as to recognize hazards and risks	1
		14/02/19	Pitch of a sound	Sounds become fainter as they travel away from a source	1
	February/3 rd	17/02/19	Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		18/02/19	Activity	Ask a student to hit a long pipe with a metal object. Try to hear the sound from a distance. / How you can investigate what would be a suitable material to lay on the floor to muffle the sound of footsteps; carpet, metal or wood	1
		19/02/19	Worksheet test/Revision		1
		20/02/19	Science Practical	Make a telephone by using paper cups, paper clips and a long string	1

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5.		21/02/19	Unit 14 Light and Shadow – Introduction,Sources of light,Light is a form of energy	Light travels at a very high speed much faster than sound	1
	February/4 th	24/02/19	Speed of light,Rays	Light travels in straight lines called rays	1
		25/02/19	Intensity of light,Shadows	Understand that when light has been blocked by an object,a shadow is cast.Describe what happens to the size of a shadow during the course of the day;Recognize that the higher the Sun appears in the sky,the shorter is the shadow cast	1
		26/02/19	Transparent,Translucent and Opaque materials,Textbook Exercises	Match the following, True/False, Fill in the blanks, Name the following	1
		27/02/19	Activity	Make two transparent,translucent and opaque materials with clay/craft paper	1
		28/02/19	Worksheet test/Revision		1
	March/1 st	03/03/19	Science Practical	Observe the rays of light when they pass through something transparent?Shine a torch through a round bottle of milk/water,a small medicine bottle,amirror,a piece of wood	1

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6.	March/1st	04/03/19 to 07/03/19	Revision of III Term		4
		10/03/19 to 24/03/19	Annual Exams		11 days
					1

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