



Pakistan Urdu School- Kingdom of Bahrain
Curriculum Implementation Plan for Science Grade IV 2nd 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 + October / 1 week 3 days	23rd September 2018	<p style="text-align: center;"><u>Unit 6-PLANTS</u></p> <ul style="list-style-type: none"> • Plants are important • The plant kingdom <ul style="list-style-type: none"> *Simple plant *Higher plants • Simple plants <ul style="list-style-type: none"> *Algae *Mosses *Fern * Higher plants <ul style="list-style-type: none"> *Conifers *Flowering plants • Fungi 	<ul style="list-style-type: none"> • To develop an awareness of the different types of plant • Compare and contrast simple and higher plants. • To discuss characteristics of types of simple plant based on their special features. • To explain distinctive feature of types of higher plant. • To explain specialty of fungi. 	8 periods
2	October / 1 week 3 days	3rd October 2018	<p style="text-align: center;"><u>Unit 5- ANIMAL KINGDOM</u></p> <ul style="list-style-type: none"> • Introduction. • Classification of animal Vertebrates and invertebrates. • Vertebrates • Cold- blooded and warm- blooded animal 	<ul style="list-style-type: none"> • To develop an awareness of the different types of animal • To classify animals into broad groups. Vertebrate and invertebrate. • To state the fine species of vertebrates with examples. • Compare and contrast vertebrate. Using warm-blooded and cold-blooded criteria. 	8 periods

3	October / 1 week 3 days	15th October 2018	<p><u>Unit 9– SEPARATING MIXTURE.</u></p> <ul style="list-style-type: none"> • Introduction of topic. *Methods of separation • Filtration • Sedimentation and decantation. • Evaporation • Magnetic method of separation. 	<ul style="list-style-type: none"> • Define mixture *To introduce various methods of separating mixture. *To select the appropriate. Method for separating different mixture. • To explain filtration. *How to apply filtration, to separate insoluble solid from liquid. • To describe Sedimentation and decantation. • To define evaporation. • To explain which materials are separated by magnetic method of separation? 	8 periods
4	October + November / 1 week 3 days	25 th October 2018	<p><u>Unit 11– HEAT</u></p> <ul style="list-style-type: none"> • Introduction of heat • All matter is made of atoms. • Temperature • Heat • Thermometer • Reading the marks on the thermometer 	<ul style="list-style-type: none"> • To make a distinction between heat and temperature. • To demonstrate the movement of particles of matter. • To define temperature • To investigate the effect of heating and cooling on particles of matter. • To describe the working of the thermometer. • To show how to read the degree marked on thermometer. 	8 periods

5	November / 1 week 2 days	6 th November 2018-	<p><u>Unit 10–THE EARTH IN SPACE</u></p> <ul style="list-style-type: none"> • The movement of the Earth • Rotation • Revolution • Seasons 	<ul style="list-style-type: none"> • To explain with the help of a globe that the Earth’s rotation on its axis causes day and night. • To emphasize that the combined effect of the Earth’s tilt and its orbital motion result in the seasons. • The use illustrations to explain the two types of movements of the Earth. 	8 periods
6	November / 1 week 2 day	18 th November 2018	Revision		7 periods

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