



**Pakistan Urdu School- Kingdom of Bahrain**  
**Curriculum Implementation Plan for Science Grade IV 3<sup>rd</sup> 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	January / 1 week 4 days	2 <sup>nd</sup> January 2019	<p><b><u>Unit 3– FOOD AND BALANCED DIET</u></b></p> <ul style="list-style-type: none"> <li>• Food is important.</li> <li>• Food groups</li> <li>• A balanced diet</li> <li>• Food pyramid</li> <li>• Water / Exercise is important</li> </ul>	<ul style="list-style-type: none"> <li>• To explain the importance of food.</li> <li>• To classify food based on their food values.</li> <li>• To explain the concept of a balanced diet.</li> <li>• To interpret the food pyramid.</li> <li>• To define importance of water in body.</li> <li>*To recognize the role of physical fitness in maintaining good health.</li> </ul>	9 periods
2	January / 1 week 4 days	15 <sup>th</sup> January 2019	<p><b><u>Unit 13–FORCES AND MACHINES</u></b></p> <ul style="list-style-type: none"> <li>• Not all forces cause changes in movement.</li> <li>• Machines</li> <li>• The six types of simple machine               <ul style="list-style-type: none"> <li>*Lever</li> <li>*Inclined plane.</li> <li>*Screw</li> <li>*Wheel and axle.</li> <li>*Pulleys.</li> <li>* Wedge.</li> </ul> </li> <li>• Compound machine</li> </ul>	<ul style="list-style-type: none"> <li>• To explain that tools and machines are used when insufficient manual force is available.</li> <li>• To recognize that machines are tools.</li> <li>• To identify six simple machines and their uses in daily life.</li> <li>• To define a compound machine and identify the components of any given example.</li> </ul>	9 periods

3	<b>January + February /</b>  <b>1 week 4 days</b>	<b>30<sup>th</sup> January 2019</b>	<p style="text-align: center;"><b><u>Unit 7–POLLINATION AND FERTILIZATION</u></b></p> <ul style="list-style-type: none"> <li>• Introduction of topic.</li> <li>• Structure of a flower</li> <li>• What is pollination?</li> <li>• How does the pollen grain reach the stigma?</li> <li>*Pollination by insects and animal.</li> <li>*Pollination by wind.</li> <li>• Fertilization.</li> </ul>	<ul style="list-style-type: none"> <li>• To explain flowering plant.</li> <li>• To study the structure and parts of a flower.</li> <li>• To explain the term pollination.</li> <li>• To describe the ways by which pollination occur.</li> <li>• To explain fertilization and relationship between pollination and fertilization in flowering plants.</li> </ul>	<b>9 periods</b>
4	<b>February /</b>  <b>1 week 4 days</b>	<b>12<sup>th</sup> February 2019</b>	<p style="text-align: center;"><b><u>Unit-5-ANIMAL REPRODUCTION</u></b></p> <ul style="list-style-type: none"> <li>• Animals reproduce</li> <li>*Birds eggs.</li> <li>• Egg produced by different animals.</li> </ul>	<ul style="list-style-type: none"> <li>• To explain term reproduction and reproduction in animals that reproduce by laying eggs, with example.</li> <li>• To familiarize with different parts of an eggs and their functions.</li> </ul>	<b>9 periods</b>
5	<b>February</b>	<b>25<sup>th</sup> February 2019</b>	<b>Revision</b>		<b>9 periods</b>