

**NAVY CHILDREN SCHOOL, KOCHI**

**SPLIT UP SYLLABUS 2018-19**

**SCIENCE – CLASS X**

<b>MONTH</b>	<b>Chapter</b>	<b>Suggested Subject enrichment activity</b>
APRIL MAY JUNE	Electricity Chemical reactions and Equations Life Processes	Practicals <ul style="list-style-type: none"><li>• Ohms Law</li><li>• Series and parallel combination Of Resistors</li><li>• Preparation of a temporary mount of a leaf peel to observe stomata</li><li>• Experimentally show that CO<sub>2</sub> is given out during Respiration.</li></ul>
JULY	Magnetic Effect of Electric current Metals and Non metals Control and Co-ordination	<ul style="list-style-type: none"><li>• Studying some common chemical reactions</li><li>• Studying properties of HCl and NaOH and determination of pH</li><li>• Reactivity series</li><li>• Focal length of concave mirror and Convex lens</li></ul>
AUGUST	Metals and Nonmetals (contd) Sources of Energy	<ul style="list-style-type: none"><li>• Refraction of light through a glass slab</li><li>• Refraction of light through a prism</li><li>• Convex lens – image formation</li><li>• Studying a) Binary fission in Amoeba and b) Budding in yeast with the help of prepared slides.</li></ul>
SEPTEMBER	Light Reflection and Refraction Carbon and its Compounds How do Organisms Reproduce?	<ul style="list-style-type: none"><li>• Identification of the different parts of an embryo of a dicot seed (pea, gram or red kidney bean)</li><li>• Studying properties of acetic acid</li><li>• Foaming capacity of soaps</li></ul>
OCTOBER	Human Eye and the Colourful world Carbon and its compounds Heredity and Evolution	

NOVEMBER	Human Eye and the Colourful world (cont) Heredity and Evolution (cont) Our Environment Management of Natural Resources Periodic classification of elements
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision
ANNUAL EXAM WEIGHTAGE : FULL PORTION	