



## CD INTERNATIONAL SCHOOL

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### Class- XII Science

#### September Monthly Planner (Session 2022-23)

Subject	Chapter	Topic
Physics	Ch- Ray Optics Ch- Wave Optics	Explanation of the chapters <ul style="list-style-type: none"><li>• Notes preparation</li><li>• Practice of numericals of chapters</li><li>• Revision of chapters</li><li>• Weekly tests after the completion of chapters</li></ul> Experiments will be performed in lab
Chemistry	Ch-4,Chemical bonding and molecular structures Chapter-2,Structure of Atom Chapter-3,Classification of Elements and periodicity in properties Chapter-8,Organic chemistry- Principles and techniques Chapter-9,Hydrocarbons Ch-1,Some basic concepts of chemistry	Explanation of the chapters <ul style="list-style-type: none"><li>• Revision of chapters</li><li>• Weekly tests after the completion of chapters</li><li>• Question answers, numericals and exercise will be practiced in class through practice based questionnaire and written practice with class tests.</li><li>• Revision through practicing extra questions based on a particular topics.</li></ul> Also continuing practical work and explaining of experiments side by side.
Biology	Ch- Human health and disease Ch- microbes in Human welfare	Explanation of the chapters <ul style="list-style-type: none"><li>• Notes preparation</li><li>• NCERT- Intext and back exercise Q/As of chapters</li><li>• Revision of chapters</li></ul>

	Ch- Biotechnology - principles and processes	<ul style="list-style-type: none"> <li>• Weekly tests after the completion of chapters</li> </ul>
Hindustani Music	<p>हिंदुस्तानी संगीत दिये गए निम्नलिखित तालो का ठाह की लय के साथ दुगुन, चौगुन लिखिये।</p> <p>1- झपताल 2- रूपक ताल 3- धमार ताल</p> <p>तानपुरा वाद्य के सभी अंगो का सचित्र वर्णन कीजिये।</p>	<ul style="list-style-type: none"> <li>• Detail study of the topics</li> <li>• Revision</li> </ul>
Physical Education	<p>Unit VI - Test and measurement in sports</p> <p>Unit VII – Physiology and injuries in sports</p>	<ul style="list-style-type: none"> <li>• Detail study of the units</li> <li>• Revision</li> </ul>
Maths	<p>Chapter-9 Differential Equation</p> <p>Chapter- 10 Vectors</p> <p>Chapter- 11 3D</p>	<p>Explanation of the chapters</p> <p>Solutions of homogeneous differential equations of first order and first degree.</p> <p>Solutions of linear differential equation</p> <ul style="list-style-type: none"> <li>• Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors</li> <li>• Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.</li> </ul>

English	Flamingo: chapter 6 Poets and pancakes Chapter 7 Interview Chapter 8 Going Places Vistas chapter 3 Journey to the end of the Earth Chapter 4 The Enemy Chapter 6 On the Face of it Chapter 8 Memories of childhood	<ul style="list-style-type: none"><li>• Detail study of the topics given</li><li>• Revision</li></ul>
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