

GOPI BIRLA MEMORIAL SCHOOL

Grade 10 Physics

ANNUAL PLAN

Govind Yadav

MONTH	CONTENT	ACTIVITIES
April [16]	Light- Reflection and refraction	1. Determination of the focal length of Concave mirror and Convex lens by obtaining the image of a distant object.
June [17]	Light- Reflection and refraction (Contd)	2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
July [21]	Human eye – The colourful world	1. Tracing the path of the rays of light through a glass prism.
August [19]	Human eye – The colourful world(Contd) Electricity	2. Tracing the path of the rays of light through a glass prism. 1. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
September [8]	Electricity Contd)	2. Determination of the equivalent resistance of two resistors when connected in series .
October [19]	Electricity Contd)	3. Determination of the equivalent resistance of two

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	Magnetic effect of electric current	resistors when connected in parallel. 1. An activity to show magnetic field lines using bar magnet and iron filings.
November [14]	Magnetic effect of electric current (Contd)	2. An activity to show magnetic force on current carrying conductor in presence of uniform magnetic field.
December [5]	Revision	