



RAINBOW ACADEMY SENIOR SECONDARY SCHOOL

SUMMER VACATION ASSIGNMENTS

CLASS: IX

SESSION 2023-24

SUBJECT	ENGLISH
1. 2. 3. 4.	Prepare a file on Antonyms and Synonyms (Atleast 10 each) Prepare a file on Idioms (Atleast 10) Prepare a file on Homophones (Atleast 10) Summarize chapter-1 (The Lost Child) and chapter- 2 (The Adventures of Toto) using pictorial presentation in the form of a file.
विषय	हिंदी
1. 2. 3.	हिंदी साहित्य में कराया गया संपूर्ण कार्य याद करें। प्रेमचंद की सर्वश्रेष्ठ उपन्यास गोदान को पढ़िए। विषय - हिंदी संवर्धन गतिविधि प्रेमचंद की सर्वश्रेष्ठ 5 कहानियों का संक्षिप्त तथा सचित्र वर्णन एक एलबम के रूप में करें। नोट - कार्य साफ व सुंदर होना चाहिए।
SUBJECT	MATHEMATICS
1. 2. 3.	Practice all the work done in your Maths notebook. Prepare a notebook on all the formulas along with their properties of all the Chapters. Make a Model on: (i) Algebraic Identities https://youtu.be/RR_1OMK_Ww (ii) Quadrilateral https://youtu.be/LI3TKbt4DswLI3TKbt4Dsw (iii) Polygons https://youtu.be/7kgRsIHkJaQ (iv) Polynomials https://youtu.be/vHZMFx8rlhYvHZMFx8rlhY (v) Perimeter And Areas https://youtu.be/QxaNQiMYy2IQxaNQiMYy2I
SUBJECT	SOCIAL SCIENCE
1. 2.	Prepare a file for the given Map work. a) India in the world b) The latitudinal and longitudinal extent of India c) States passes through Tropic of Cancer d) India on International highway of trade and commerce e) India and Neighbour countries f) Himalayas g) Division of Himalayas h) Western Ghat and Eastern Ghat 2. Write down the question - answer of Chapter-1 in Economics and Learn the question – answer of Chapter-1,2 in Geography and Chapter-1 in Economics.
SUBJECT	DRAWING & ART AND CRAFT
➤ 1. 2. 3. ➤ 1. 2.	<u>DRAWING AND ART</u> Drawing of nature (Pencil Drawing) Make the portrait of your favourite freedom fighter. Mandala drawing over water colour background. <u>CRAFT</u> Photo frame https://youtube.com/shorts/99Avh-SIqxQ?feature=share Paper flower wall hanging https://youtu.be/oYSyvdQwZjA

SUBJECT	SCIENCE
➤ 1. 2.	<u>PHYSICS:</u> Do the Assignment of Chapter 1 (Motion) given in PDF. <u>Make a Model on:</u> a) Types of motion b) Different types of sound c) Newton's law of motion d) Egg float on water e) Hydraulic Pressure Machine f) Tyndell Effect g) Buoyancy h) Scattering of light/optical fibre i) Differentiate Solid, Liquid and Gas. j) Water Alarm k) Oscillatory and Uniform Circular Motion l) Solar Water
➤ 1. 2.	<u>CHEMISTRY:</u> Make a file on any topic from NCERT book. <u>Make a Model on :</u> a) Fractional distillation working model + Static b) Periodic table working model + Static c) State of matter working model + Static d) Electronic configuration working model + Static e) Thomson's model of an atom working model + Static f) Interconversion of the three states of matter g) Sublimation of Ammonium Chloride working model
➤ 1. 2. 3.	<u>BIOLOGY:</u> Make a file on any topic from NCERT book. Do intext and NCERT exercise questions in your fair notebook of Chapter 1 (Fundamental Unit of Life). <u>Make static model on :</u> a) Plant Cell b) Animal Cell c) Mitosis and Meiosis d) Types of Muscle Fibres e) Different types of Epithelial Tissue f) Working Model on Neurons g) Make model on Golgi apparatus, Mitochondria

N.B.: Neatness and Accuracy should be maintained in the Assignments. The quality of the Assignment is more important than the volume of the Assignment.

Date of submission: 1st week of July, 2023

Class Teacher : Raghunath Sir

Contact Number : 8909005990

Group	Student's Name	Physics	Chemistry	Biology
1.	Abdus Samad + Mohd. Arshaan	Types of forces	state of matter static model	static model on Animal cell
2.	Abhinav Mourya + Aryan Dasila + Dev Kumar	Buoyancy	Fractional distillation Working model	static model of Plant cell
3.	Dhairya Sahu + Jayant Bhatt + Laksh Pandey	Archimedes Principle	Working model on Thomson's atomic model	static model of types of muscle fibre
4.	Krishna Synal + Luw Pandey + Manas Mehra	Density of different liquid	Periodic Table (3D)	static model on epithelial tissue
5.	Manish Pandey + Naitik Sahu + Neeraj Sahu	Types of motion	Fractional distillation Working model	working model on neurons
6.	Nishika Kohli + Ritika Joshi + Shreya Bora	Lacto meter	Thomson's atomic working model	static model meiosis
7.	Saloni + Kashish Sahu + Kavita Bhandari	Effect of gravity	sublimation of ammonium chloride working model	static model on types of muscle fibre
8.	Gaurangi Agarwal + Gasima Srnwal + Ishika Rana	Windmill	static model on Electronic configuration	working model on neurons

Group	Students Name	Physics	Chemistry	Biology
9.	Harshit Bajwa + Rajkumar + Tapan Rawat	e.g. of uniform Circular and oscillatory motion	static model on Thomson's atomic model	static model on mitosis
10.	Vivek Divakar + Yash Chaudhary + Suraj Sahu	Wind mill	state of matter working model	static model model on Plant cell
11.	Shristi Singhal + Alisha Ansari + Bhumika Joshi	Newton's law of motion	static model sublimation of ammonium chloride	static model on animal cell
12.	Karan Singh Bisht + Pradeep Mousya	Circular motion	Periodic Table static model	static model on animal cell

NOTE: If you have any query regarding your project, you can clear it on PTM.