

THE SCHRAM ACADEMY
CLASS X

| SUBJECT | TOPIC | RESOURCE | LEARNING OUTCOME | INSTRUCTIONS / STEPS |
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| TAMIL | POETRY | TAMIL NOTES (To learn) TAMIL WORKSHEET (to be completed) | <ul style="list-style-type: none"> To understand the significance of Tamil language. | <ol style="list-style-type: none"> Learn the notes. Complete the worksheet. |
| FRENCH | Lesson -1 Retrouvons nos amis | FRENCH WORKSHEET (to be completed) | <ul style="list-style-type: none"> Recapitulation of grammar. Improvement of writing skill and vocabulary. | <ol style="list-style-type: none"> Complete the worksheet. Complete the exercises- III, IV and V from the textbook in the classwork. Using the dictionary find the noun forms of the verbs given. Frame sentences using the noun forms (any 10) Write it on an A4 sheet. Complete the letter writing (page 9) on a rough sheet. |
| MATHEMATICS | Lesson 14 : Statistics | https://youtu.be/3BG5-UVZY6k https://youtu.be/bybGmuhR_Jg https://youtu.be/_C5smIG5VTg (to watch) MATHEMATICS WORKSHEET 1 (to be completed) MATHEMATICS WORKSHEET 2 (to be completed) | <ul style="list-style-type: none"> To find the median and mode. To draw less than and more than Ogive. | <ol style="list-style-type: none"> Go through videos. Summarise the points in the notebook. Complete the NCERT exercise 14.2, 14.3 and 14.4 in classwork. |
| PHYSICS | Electricity: Heating effects of current. | https://www.youtube.com/watch?v=zzmHjgOPORY (to watch) PHYSICS WORKSHEET (to be completed) | <ul style="list-style-type: none"> To configure that if the circuit is purely resistive, the energy is dissipated in the form of heat. To analyse the applications of heating effect in day to day life. To apply and calculate the rate at which electric energy is consumed in an electric circuit. | <ol style="list-style-type: none"> Watch the video Learn all formulae and the units learnt in the video. Complete the worksheet attached in A4 sheet and submit on the reopening day. |
| CHEMISTRY | Chapter -2 Acids, Bases and Salts Introduction | https://www.youtube.com/watch?v=dneIVE7k-pw&list=PLGQCqo9I3mnaAUEWT_a21EtCuOA6a2way&index=1 (to watch) | <ul style="list-style-type: none"> identify acids and bases using natural and synthetic indicators | <ol style="list-style-type: none"> Watch the video learn the notes 1 (Q1 – 4) |
| | Chemical properties of acids and bases | https://www.youtube.com/watch?v=lqtRaSIbqqg&list=PLGQCqo9I3mnaAUEWT_a21EtCuOA6a2way&index=2 CH-2 CHEMISTRY NOTES (to learn) | <ul style="list-style-type: none"> observe the video on reaction of acids and bases with metals and draw inferences answer the questions based on the observations and inferences | <ol style="list-style-type: none"> Watch the video learn the notes 2 (Q5 –9) |

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| BIOLOGY | <p>Chapter – 6 – Life Processes Transportation in human beings</p> <p>Transportation in plants</p> <p>Excretion in human beings</p> <p>Excretion in plants</p> | <p>https://www.youtube.com/watch?v=zkS3WAKCUMs (to watch)</p> <p>https://www.youtube.com/watch?v=OSqhTmiXhVI (to watch)</p> <p>https://www.youtube.com/watch?v=EhnRhFLyOg (to watch)</p> <p>https://www.youtube.com/watch?v=7xDe2K8UFGM (to watch)</p> <p>BIO CH-6 WORKSHEET (to be completed)</p> | <ul style="list-style-type: none"> List out the components of human transport system. Describe the structure and function of human heart Analyse the significance of double circulation in mammals and birds. Compare and contrast arteries, veins and capillaries on the basis of their structure and function. Discuss the function of blood and lymph. Evaluate the strategies used for the transport of water and soluble products of photosynthesis through xylem and phloem in plants. Explain the structure and function of nephrons. Point out the different strategies plants used to get rid of their wastes | <ol style="list-style-type: none"> Watch the video. Read the textbook and explain the process of double circulation with the help of a flow chart. Tabulate the difference between arteries, veins and capillaries. Write down the function of blood and lymph. Refer to the textbook and formulate the reason for slow transport system in plants. Write down the differences in the transport of materials in xylem and phloem. Read the textbook and summarise the processes involved in the urine formation. List down the different ways of waste disposal in plants. Refer fig.6.10, 6.11, 6.13 and 6.14 from the textbook and draw neat labelled diagrams of the same in the class work. Complete the worksheets and submit it on the reopening day. |
| SOCIAL SCIENCE | <p>CHAPTER 2: DP FEDERALISM.</p> <p>What is Federalism?</p> <p>Features of Federalism.</p> <p>Kinds of Federalism</p> <p>How is Federalism practised in India?</p> <p>Linguistic States & Language policy</p> <p>Centre-state relations.</p> <p>Decentralization.</p> | <p>https://youtu.be/AB1bFVM0X6A</p> <p>SOCIAL FEDERALISM NOTES</p> <p>(to learn)</p> <p>SOCIAL MCQ & QUESTION BANK</p> <p>(to learn)</p> | <ul style="list-style-type: none"> Know the meaning of Federalism. Analyse the features of Federalism. Familiarize the two routes through which federations can be formed. Appreciates and respect the power sharing process in India. Understand and analyse the mode of decentralisation of power in India. | <ol style="list-style-type: none"> Watch the video. Write down the MCQ's shared in the worksheet and answer them in the class work. A set of 23 questions are shared in the Question Bank. Learn and practise them in the classwork. Be prepared to take up a test when the school reopens for the academic session. |