

KERALA PUBLIC SCHOOL MANGO
ACADEMIC YEAR 2020-21
ONLINE CLASSES SCHEDULE
HOME ASSIGNMENT WITH WEB LINK



DATE	CLASS	SUBJECT	TOPIC / CHAPTER	MODULES / ASSIGNMENT	WEBLINK / REFERENCE LINK
15.04.2020	X	English Lang	Total Eng Book X Ch- 1 to Ch - 6 <u>Instructions :</u> Practice the exercises .	ch 1 Subject Verb Agreement Total English pg 10 (Fill In the blanks) Test Paper 1 –Complete the exercises in the book with pencil.	https://www.youtube.com/watch?v=LfJPA8GwTdk
		Math	Ch - 1 : Goods and Service Tax Topic: Types of GST and related problems.	Ex 1(Q1, Q2, Q3, Q4, Q5, Q6)	https://youtu.be/65XiVjuZYtc Reference Link : https://youtu.be/9ctq2v6At0A
		Bio	Ch – 4 : Absorption by roots	*The assignments given below have to be done in the Biology Note book. Answer the following : 1. Give any three primary functions of roots. 2. Give any four uses of water for the plants. 3. Give any three characteristics of roots that enable them to absorb water from the soil. 4. Draw the diagram of full grown root hair.	https://youtu.be/kv8XeCGtX6k https://youtu.be/V8xp_4IY8fM
		History / Civic	Ch 1: The Union Parliament	Exercises : Page 32 to 33 Question No : 1 to 17 (Answers should be in bullets and not in paragraphs) for e.g Ans 15. * If it has one-tenth of the total membership of the house.	https://youtu.be/w-oXb7H4rtw Reference : www.youtube.com [the union parliament by T S SUDHIR or

			*Leaders of the largest among the opposition in both the parties are recognised as the leader of opposition in both houses.	concept clarity union legislature part 1 & 2
	Comp Appl	Ch 1: Revision of class IX Syllabus unit 1: OOPS Concept	<p>The assignments given below have to be done in the Computer Application notebook.</p> <p>Ex- Q:- Name four basic principal of Object oriented programming. Ans –</p> <ul style="list-style-type: none"> (i) Data Abstraction (ii) Encapsulation (iii) Inheritance (iv) Encapsulation (v) <p>Also solves these question based on oops-</p> <ol style="list-style-type: none"> 1. What do you mean by Data Abstraction and Encapsulation? How are these two terms interrelated? 2. What is difference between an object and class? 3. What is inheritance? 4. What is meant by ‘Base’ Class and ‘derived Class’? 5. Why is an object called an instance of a class,. 	https://youtu.be/-HafzawNIUo
	Env Appl	Ch - 1 : Caring for soil	<p>Answer the following questions:</p> <ol style="list-style-type: none"> 1. What is soil erosion? 2. Give any five reasons for soil erosion. 	<p>https://youtu.be/CGo0M7aQArw Caring for Soil: https://youtu.be/du-6-NZxN-w</p>
	Eco Appl	Ch- 1: Law of Demand and Determinants of Demand	<p>Answer the following questions:</p> <ol style="list-style-type: none"> i) What is meant by Demand? ii) What are substitute goods and complementary goods? 	<p>https://youtu.be/VomWEGujAkI https://youtu.be/QvGLcCTXk9o</p>

			<p>iii) Explain any five determinants of Demand.</p> <p>iv) Write the Law of Demand, its assumptions and explain the law with the help of imaginary demand schedule and diagram.</p>	
	Comm Appl	<p>Ch-1 : Markets and marketing; (read the chapter and prepare the question- answers given at the back of the chapter, learn the definitions, differences given in the chapter) * Follow the ICSE syllabus.Pg2. Acknowledgement Pg3. Introduction-Meaning of marketing mix Pg4. Features of marketing mix Pg5. Elements of marketing mix Pg6. Factors affecting marketing mix Pg7. 4Ps (Meaning, features) Pg8. Bibliography Pg9. Conclusion (The above mentioned is the description of headings of the project, individual topics may extend to 2-3 pages)</p>	<p>MARKETING MIX</p> <p>Pg1. Topic name Pg2. Acknowledgement Pg3. Introduction-Meaning of marketing mix Pg4. Features of marketing mix Pg5. Elements of marketing mix Pg6. Factors affecting marketing mix Pg7. 4Ps (Meaning, features) Pg8. Bibliography Pg9. Conclusion (The above mentioned is the description of headings of the project, individual topics may extend to 2-3 pages)</p> <p>INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Project to be made on inter leaf papers 2. Pictures should be used appropriately (printouts to be taken only when school reopens) 3. Pictures to be bordered and labeled 4. No sketch pens to be used, use colour pencils etc 5. Headings to be written properly 6. Proper underlining to be done wherever required <p>Please use your creative skills to make the project vibrant and interesting</p>	<p>https://youtu.be/COz1odgWajo https://youtu.be/S2lRqlaRW0Y https://youtu.be/EVSpjJBVZnU</p>

		Hindi Lang	निर्देशानुसार वाक्य परिवर्तन,	<p>वाक्य - परिवर्तन:-</p> <p>१. मैं भारत का वासी हूँ।(रेखांकित शब्द कौन सी संज्ञा है०</p> <p>२. "मीठा" शब्द का भाववाचक संज्ञा लिखें।</p> <p>३. अध्यापक कक्षा में पढ़ा रहे हैं।(लिंग बदलें)</p> <p>४. मीरा एक प्रसिद्ध कवि थी।(लिंग बदलें)</p> <p>५. मालिक घर में नहीं थी।(वाक्य शुद्ध करें)</p> <p>६. पेड़ पर बहुत से तोते बैठे हैं।(वचन बदलें)</p> <p>७. राहुल ने पौधा लगाया।(वचन बदलें)</p> <p>८. बाहर कौन है० ९सर्वनाम के भेद लिखें)</p> <p>९. जो पढ़ता है सो पास होता है।(सर्वनाम के भेद लिखें)</p> <p>१०. रमन खाना खाएगा।(वर्तमानकाल में बदलें)</p>	https://youtu.be/G3NrufJxaEE
16.04.2020	X	English Lit	*Poetry Ch 7--I Know why the caged bird sing	<p>*Learn the Poem</p> <p>* Surf the net to find about the author Maya Angelou.</p>	https://www.youtube.com/watch?v=P_ge5ZF-idM
		Math	Ch - 1 : Goods and Service Tax Topic: Types of GST and related problems.	Ex 1(Q7, Q8, Q9, Q10, Q11, Q12)	<p>https://youtu.be/65XiVjuZYtc</p> <p>Reference Link :</p> <p>https://youtu.be/9ctq2v6At0A</p>
		Physics	Ch - 1 : Force	<p>*The assignment given below has to be done in Physics notebook</p> <p>Moment of force or torque</p> <p>Q1. State the factors affecting turning of a body</p> <p>Q2. Write the S.I. and c.g.s unit of moment of force. How are they related</p> <p>Q3. Define moment of force.</p> <p>Example of moment of force</p> <p>Q4. Why is it easier to open a door by applying force at the free end?</p> <p>Q5. A spanner has a long handle. Why?</p>	<p>https://youtu.be/nC_J3gRQHi8</p> <p>https://youtu.be/po2QJeBf07c</p>

		Comm St	<p>Ch-1 : Stakeholders In Commercial Organization; (Read the chapter, learn the definition of stake holders and the expectations of the various stakeholders from commercial organisations, differences between all the stakeholders, prepare the question- answers given at the back of the chapter,) *Follow the ICSE syllabus.</p>	<p>PROJECT ON ADVERTISING Pg1. Topic name Pg2. Acknowledgement Pg3. Introduction-Meaning of advertising Pg4. Features of advertising Pg5.Importance of advertising Pg6. What is social advertising Pg7. A case study on Social media advertising (How a company benefited with the help of social advertising) Pg8. Bibliography Pg9. Conclusion (The above mentioned is the description of headings of the project, individual topics may extend to 2-3 pages)</p> <p>INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Project to be made on inter leaf papers 2. Pictures should be used appropriately (printouts to be taken only when school reopens) 3. Pictures to be bordered and labeled 4. No sketch pens to be used, use colour pencils etc 5. Headings to be written properly 6. Proper underlining to be done wherever required <p>Please use your creative skills to make the project vibrant and interesting</p>	<p>https://youtu.be/elIROW7gPio https://youtu.be/wj4yoTONhX4</p>
		Geography	Ch-3 : Soil	<p>Thoroughly read and understand the chapter. Mark the important key words. Refer the link for better understanding.</p>	<p>https://www.youtube.com/watch?v=9N-5D2qJ9IE&feature=youtu.be</p>

		Hindi Lit	पाठ - 7: संदेह (जयशंकर प्रसाद)	<p>प्रश्नोत्तर:- "उसके हाथों में था कागजों का एक बंडल, जिसे संदूक में रखने से पहले वह खोलना चाहता था।"</p> <p>प्र०१. "उसके" शब्द का प्रयोग किसके लिए किया गया है? वह कमरे में क्या कर रहा था?</p> <p>प्र०२ अब कमरे में कितनी प्रतिमाएँ थीं? उनकी स्थिति का वर्णन करें।</p> <p>प्र०३. नायक के हाथ में क्या था? वह किस बात से हिचक रहा था?</p> <p>प्र०४. किसने किसे भाभी कहकर पुकारा? वह किसके रोने की बात कर रही थी?</p> <p>प्र० ५ "प्रायश्चित" का अर्थ क्या है?</p> <p>प्र० ६. श्यामा का कौन सा व्रत और आदर्श देखकर रामनिहाल को क्या विश्वास हुआ?</p> <p>प्र०७ रामनिहाल ने अपनी तुलना "कंजर से क्यों की है? समझाकर लिखें।</p> <p>प्र० ८ कहानी का नायक रामनिहाल श्यामा को क्या मानता था?</p> <p>प्र० ९ काम-काज से छुट्टी पाकर रामनिहाल कहाँ जाने को तैयार था? ब्रजकिशोर बाबू ने उन्हें क्या जिम्मेदारी सौंपी?</p> <p>प्र १० प्रस्तुत कहानी में किसे किस बात का संदेह है? उसके संदेह को किसने तथा क्या कहकर दूर किया?</p>	
17.04.2020	X	English Lang	<p>Total Eng Book X Ch- 1 to Ch - 6</p> <p><u>Instructions :</u> Practice the exercises .</p>	<p>Ch 2 Active and Passive Voice Total English pg 35. Test Paper 2 Complete the above exercises in the book with pencil.</p>	<p>https://www.youtube.com/watch?v=nkAyggAM1q4</p>

		Math	Ch - 2 : Banking Topics: Recurring Deposit and related problems	Ex 2(Q1, Q2, Q3, Q4, Q5, Q6)	https://youtu.be/oxzmP7sjCRO Reference Link : https://youtu.be/aEER5UJXLGU
		Chemistry	Ch - 1 : Periodic Table, Periodic Properties and variations of properties;	<ol style="list-style-type: none"> 1. How many groups are there in the modern periodic table ? 2. Write the names and symbols of the first two elements of group 2. 3. Boron is the first element of group 13. Name the second element of this group. 4. Name the first and second & element of groups 14. 5. To which group does nitrogen (at no. 7) belong in the periodic table. 6. Name the first two elements of group 17. 7. Write the number of electrons in the outermost shell of an element of group 17. 8. Define a period of the modern Periodic table of elements. 9. Name the first element and the last element of period 2. 10. Which one is the fundamental property of an element – atomic number or mass number ? 11. Lithium is the first metal of group 1. Name the second and third metals of this group. 12. Match the atomic number 2, 4, 8, 15 and 19 with each of the following <ol style="list-style-type: none"> a. A solid nonmetal belonging to the third period b. A metal of valency 1 c. A gaseous element with valency 2 d. An element belonging to group 2. e. A Noble gas 	https://www.vedantu.com/icse/class-10-chemistry-revision-notes-chapter-1 www.quiznext.in https://www.topperlearning.com/ https://www.aplustopper.com/

		History / Civic	Ch 1: The Union Parliament	<p>Exercises : Page 33 to 34 Question No : 18 to 34 <u>Short notes on:</u> 1. Annual budget [pg-22] 2. Censure motion [pg-23] 3. No Confidence motion [pg-23] 4. Electoral functions [pg-23]</p>	<p>https://youtu.be/w-oXb7H4rtw <u>Reference :</u> www.youtube.com [the union parliament by T S SUDHIR or concept clarity union legislature part 1 & 2</p>
		Comp Appl	Loops in JAVA (i.e. Iterative constructs in JAVA)	<p>Ex- Q:- What will be output? <pre>int k=1, i=2; while(++ i < 6) k *= i; System.out.println(k);</pre> Ans: 60</p> <p>Q. What is the main difference between a while loop and do .. while loop? Q. Write a program that inputs a number and checks the given number is a palindrome number or not. A number that is equal to its reversed number is a palindrome number. Q. Write a program to enter two numbers and check whether they are “Twin Prime” or not. Two numbers are said to be twin prime , if they are prime and differ by two. E.g. (5,7), (11,13) Q. Write a program to enter a number and check and display whether it is a niven number or not. A number is said to be niven if it divisible by sum of its digits. Ex-126 Q. Write a program to check whether a number is a duck number or not. A number is a duck number which has zeroes present in it. Ex- 3210, 7056</p>	<p>https://youtu.be/oAl0umTfW4U</p>

			<p>Q. What is a class? Ans: A class represents a set of objects that share common characteristics and behaviour.</p> <p>Q. What is an object? Give some real world Objects.</p> <p>Q. What are methods? What they represent?</p> <p>Q. how is data abstraction associated with encapsulation?</p> <p>Q. What does reusability mean?</p> <p>Q. What are the advantages of OOP?</p>	
	Env Appl	Ch 1 Caring for soil:	<p>1. Give any five consequences of soil erosion.</p> <p>2. How does over grazing cause soil erosion?</p> <p>3. What are the man made reasons of soil erosion?</p>	<p>Caring for Soil: https://youtu.be/du-6-NZxN-w https://youtu.be/e-Ieq1VmlZY</p>
	Eco Appl	Ch- 1: Law of Demand and Determinants of Demand	<p>Answer the following questions:</p> <p>i) What is meant by Demand?</p> <p>ii) What are substitute goods and complementary goods?</p> <p>iii) Explain any five determinants of Demand.</p> <p>iv) Write the Law of Demand, its assumptions and explain the law with the help of imaginary demand schedule and diagram.</p>	<p>https://youtu.be/VomWEGujAKI https://youtu.be/QvGLcCTXk9o</p>
	Comm Appl	Ch-1 : Markets and marketing; (read the chapter and prepare the question- answers given at the back of the chapter, learn the definitions, differences given in the chapter) * Follow the ICSE syllabus.Pg2. Acknowledgement	<p>MARKETING MIX</p> <p>Pg1. Topic name</p> <p>Pg2. Acknowledgement</p> <p>Pg3. Introduction-Meaning of marketing mix</p> <p>Pg4. Features of marketing mix</p> <p>Pg5. Elements of marketing mix</p>	<p>https://youtu.be/COz1odgWajo https://youtu.be/S2lRqlaRW0Y https://youtu.be/EVSpjJBVZnU</p>

		<p>Pg3. Introduction-Meaning of marketing mix Pg4. Features of marketing mix Pg5. Elements of marketing mix Pg6. Factors affecting marketing mix Pg7. 4Ps (Meaning, features) Pg8. Bibliography Pg9. Conclusion (The above mentioned is the description of headings of the project, individual topics may extend to 2-3 pages)</p>	<p>Pg6. Factors affecting marketing mix Pg7. 4Ps (Meaning, features) Pg8. Bibliography Pg9. Conclusion (The above mentioned is the description of headings of the project, individual topics may extend to 2-3 pages)</p> <p>INSTRUCTIONS</p> <ol style="list-style-type: none"> 1. Project to be made on inter leaf papers 2. Pictures should be used appropriately (printouts to be taken only when school reopens) 3. Pictures to be bordered and labeled 4. No sketch pens to be used, use colour pencils etc 5. Headings to be written properly 6. Proper underlining to be done wherever required <p>Please use your creative skills to make the project vibrant and interesting</p>	
	Hindi Lang	वाक्य - परिवर्तन	<p>वाक्य परिवर्तन:-</p> <ol style="list-style-type: none"> १. हमेम अपने प्राणों से नहीं, देश से प्यार है।("हम" से वाक्य आरम्भ करें) २. बच्चे इन रोटियों का क्या करेंगे? (वचन बदलें) ३. साथियों ने उसे आँखों - आँखों में समझाने का प्रयत्न किया।("कोशिश" शब्द का प्रयोग करें) ४. महाराष्ट्र के भक्तों में नामदेव का नाम सबसे पहले आता है।(नामदेव ---- से वाक्य आरम्भ करें। ५. संघ की रक्षा करना उन्होंने अपना कर्तव्य समझा।("उन्होंने" के स्थान पर "वे" का प्रयोग करें। 	https://www.youtube.com/watch?v=G3NrufJxaEE&feature=youtu.be

				<p>६. उनकी एक अत्यन्त रूपवती, गुणवती और विदुषी कन्या थी।(लिंग बदलें)</p> <p>७. उसे बहुत दुख आया तथा क्रोध भी हुआ।(वाक्य शुद्ध करें)</p> <p>८. एक दिन मुसलाधार बरसात हो रही थी।(भविष्यत काल में बदलें)</p> <p>९. प्राचीनकाल में विद्यार्थी गुरु के आश्रम में जाकर विद्या प्राप्त करते थे। ("विद्या प्राप्त करने के लिए" का प्रयोग करें।)</p> <p>१०. उसने व्रत लिया "मैं नींद को पास फटकने नहीं दूँगा।("व्रत" के स्थान पर प्रतिज्ञा का प्रयोग करें)</p>	
18.04.2020	X	English Lit	*Poetry Ch 7--I Know why the caged bird sing	<p>Learn the Literary devises</p> <p>Metaphor : The caged bird and the free bird are two metaphors that represents the black Americans and the white American.</p> <p>Symbols “ the natural objects like the sun, the wind and the hills stand for beauty freedom and power. The cage stands for prison .</p> <p>Imagery : The flight of the free bird, the image of the caged bird, etc</p>	https://www.youtube.com/watch?v=GmplYAO_zal
		Math	Ch - 2 : Banking Topics: Recurring Deposit and related problems	Ex 2(Q7, Q8, Q9, Q10, Q11, Q12)	<p>https://youtu.be/oxzmP7sjCRO</p> <p>Reference Link : https://youtu.be/aEER5UJXLGU</p>
		Bio	Ch - 4: Absorption by roots	<p>. Define the following :</p> <p>a. Imbibition b. Diffusion c. Osmosis d. Active transport e. Turgidity and flaccidity</p> <p>2. Differentiate between the following terms: a. Exosmosis and Endosmosis b. Hypotonic solution and hypertonic</p>	<p>https://youtu.be/zOZAfGAb_V8</p> <p>https://youtu.be/V8xp_4IY8fM</p>

				<p>solution</p> <ul style="list-style-type: none">c. Turgidity and flaccidityd. Plasmolysis and Turgiditye. Adhesion and cohesionf. Transpiration pull and Capillarityg. Cell wall and cell membraneh. Turgor pressure and wall pressurei. Plasmolysis and deplasmolysis	
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Rakshmi

DIRECTOR ACADEMICS