

**KERALA PUBLIC SCHOOL RAIRANGPUR**  
**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	IX	English Lang	Total Eng Book IX <ul style="list-style-type: none"> <li>• Ch - 1 to Ch - 6</li> </ul> Practise the following excercises:	Ch-1: Articles:Pg 15-21 There are three articles in English : a, an and the. A and An are called indefinite articles because they are used when we do not speak of any particular person or thing. The is known as definite article . It is used when we refer to a particular person or thing. Assignment: Total English book IX Pg: 21-22 : Exercise-A, B, and c	<a href="http://www.butte.edu&gt;tipsheets&gt;grammar">www.butte.edu&gt;tipsheets&gt;grammar</a>
		Math	Ch- 1 : Rational and Irrational Numbers Topic: Inserting Rational numbers	Ex 1.1 (Q1, Q3, Q4, Q5, Q6, Q7, Q8, Q9)	<a href="https://youtu.be/aQROoohRjJc">https://youtu.be/aQROoohRjJc</a>
		Bio	Ch- 2 : The Cell What is a cell? <a href="https://youtu.be/aEWhxUnrYKQ">https://youtu.be/aEWhxUnrYKQ</a>	<p><b>*The assignments given below have to be done in the Biology Note book.</b></p> <ol style="list-style-type: none"> <li>1. Name any two :                             <ol style="list-style-type: none"> <li>a. Single celled organisms</li> <li>b. Few celled organisms</li> <li>c. Multicellular organisms.</li> </ol> </li> <li>2. Give any two advantages that cells have due to their small size.</li> <li>3. Give reasons:                             <ol style="list-style-type: none"> <li>a. Blood cells are circular and concave</li> <li>b. Nerve cells are long</li> <li>c Muscle cells contractile</li> <li>d. Guard cells are bean shaped.</li> </ol> </li> <li>3. What is cell theory?</li> <li>4. What is a microscope? Give its use.</li> </ol>	<a href="https://youtu.be/URUJD5NEXC8">https://youtu.be/URUJD5NEXC8</a>  Reference Link : <a href="https://www.youtube.com/watch?v=Z7oLSW_JVI8">https://www.youtube.com/watch?v=Z7oLSW_JVI8</a> <a href="https://youtu.be/URUJD5NEXC8">https://youtu.be/URUJD5NEXC8</a> <a href="https://www.youtube.com/watch?v=8c_Ih-cIAko&amp;list=PL88k7SohXqNC9yOEY3qm6IDEfsauJf21i">https://www.youtube.com/watch?v=8c_Ih-cIAko&amp;list=PL88k7SohXqNC9yOEY3qm6IDEfsauJf21i</a>

		History / Civic	Ch 1:The Harappan Civilization	<p><b>*The assignments given below have to be done in the History notebook.Divide your notebook into two parts.1st part is for Civics and 2nd part is for History.Leave the 1st page for writing your Name,Sec,Roll No. Do your work neatly,draw double margins on top for writing chp No.and name,and draw a margin after each answer.</b></p> <p>Exercises:Pg B-16 Question Nos.1,2,3,4,5 (Answers should be in bullets and not in paragraphs)e.g. Structured ques No.1(a) Town Planning</p> <ul style="list-style-type: none"> <li>• Streets divided the city into square or rectangular blocks.</li> <li>• Main streets were wide and straight and intersected each other at right angles.</li> <li>• Corners of the streets rounded off.</li> </ul> <p>Pg B-16:Ques nos.6,7,8,9,10 and 11</p> <ul style="list-style-type: none"> <li>• .</li> </ul>	<p><a href="https://youtu.be/3yFzIqNpsIE">https://youtu.be/3yFzIqNpsIE</a></p> <p><a href="https://youtu.be/mUI8stgpOT8">https://youtu.be/mUI8stgpOT8</a></p> <p><a href="https://youtu.be/ZwYYVMsceCQ">https://youtu.be/ZwYYVMsceCQ</a></p>
		Comp Appl	Ch - 1 : Introduction to Object Oriented Programming Concepts	<p><b>The assignments given below have to be done in the Computer Science notebook.</b></p> <p>Section A Pg-13&amp; 14 (Q1-11)- Solve Objective Type Question ( No be done in Notebook)</p> <p>Section B Pg- 14 &amp; 14 (Q1-10)Subjective Type Questions and answers ( To be done in Notebook)</p>	<p><a href="https://youtu.be/T7syWi91-r0">https://youtu.be/T7syWi91-r0</a></p>

			<p>Ex- Q:- Name two Object oriented programming and procedural oriented programming languages. Ans – JAVA and Python are OOP languages. And BASIC and C are POP languages.</p> <p>Note: <b>Learn all the basic principal of OOP.</b></p>	
	Hindi Lang	वाक्य - परिवर्तन	<p>निर्देशानुसार वाक्य परिवर्तन:-</p> <ol style="list-style-type: none"> <li>१. वह आटा पिसाने चक्की पर गया। (वाक्य शुद्ध करें)</li> <li>२. हलवाई ने जलेबियाँ बनाई थी।(भविष्यत काल में बदलें)</li> <li>३. मौसी तुम हमारी गवाह बनना(लिंग बदलें)</li> <li>४. कर्मों का फल तो भोगना ही पड़ेगा। (वर्तमान काल में बदलें)</li> <li>५. सुल्तान इससे संतुष्ट हुए।("सुल्तन को" से वाक्य आरम्भ करें।)</li> <li>६. इस फूल का रंग कितना निराला है। (वचन बदलें)</li> <li>७. उनका जीवन असुरक्षित था।("नहीं" का प्रयोग करें, किन्तु वाक्य का अर्थ ना बदले)</li> <li>८. मुसाफिर धर्मशाला में विश्राम करते हैं।(भूतकाल में बदलें)</li> <li>९. पंडितजी कथा सुना रहे हैं।( "द्वारा" शब्द का प्रयोग करें)</li> <li>१०. बालक गुड्डे से खेल रहा है। रेखांकित शब्द का लिंग बदलें</li> </ol>	<p><a href="https://www.youtube.com/watch?v=G3NrufJxaEE&amp;feature=youtu.be">https://www.youtube.com/watch?v=G3NrufJxaEE&amp;feature=youtu.be</a></p>

16.04.2020	IX	English Lit	Poetry Ch - 5 : Television	<p>The poem ‘Television’ is a famous poem of Dahl that advises and inspires to read books instead of watching television. The poem takes a comic look at a serious problem among young children today. It warns us about the dangers of watching television excessively. The poet advises us to read books as it will enable us to discover deeper levels of joy. The poet has capitalized the important portions.</p> <p>Answer the following questions:  i) What is the most important thing that the poet has learnt?  ii) What has the poet experienced at almost every house that he has visited?  iii) Why do parents let their children watch television?  iv) Who is the poet of the poem Television?  v) Describe the effect of television on children’s mind?</p>	<a href="https://poemanalysis.com/roald-dahl/television">https://poemanalysis.com/roald-dahl/television</a>
		Math	Ch- 1 : Rational and Irrational Numbers Topic: Irrational Numbers	Ex 1.2 (Q1, Q2, Q3, Q4, Q5)	<a href="https://youtu.be/VNZoB0qao1U">https://youtu.be/VNZoB0qao1U</a>
		Physics	Ch - 1 : Measurements and Experimentation	<p><b>Choice of unit</b>  Q1. Define measurement ?  Q2. What are the three requirements for selecting a Unit of a physical quantity?  <b>Fundamental and derived units</b>  Q3. Define Fundamental units ? Write two examples.  Q4. Define Derived units ? Write two examples.  Q5. Write the seven basic fundamental quantities with their units and symbols.</p>	<p><a href="https://www.youtube.com/watch?v=e6VJGgBSrB8&amp;t=26s">https://www.youtube.com/watch?v=e6VJGgBSrB8&amp;t=26s</a>  <a href="https://www.topperlearning.com/icse-class-9-physics/measurements-and-experimentation">https://www.topperlearning.com/icse-class-9-physics/measurements-and-experimentation</a>  <a href="https://youtu.be/ruWNLOVLR EQ">https://youtu.be/ruWNLOVLR EQ</a>  <a href="https://youtu.be/pm1uG2Rqnf0">https://youtu.be/pm1uG2Rqnf0</a></p>

	Comm St	<p>Ch - 1 : Commercial and non-commercial activities (Read the chapter, learn the definition of human activities, commercial and non-commercial activities, features of human activities, characteristics of commercial activities, differences between Commercial and non-commercial activities, definition of profession, business and employment and their features, differences between profession, business and employment) *Follow the ICSE syllabus.</p>	<p><b>PROJECT ON HUMAN ACTIVITIES</b> Pg1. Topic name Pg2. Acknowledgement Pg3. Introduction Pg4. Meaning of human activities. Pg5. Features of human activities Pg6. Types of human activities Pg7. Differences between various types of human activities. Pg8. Bibliography Pg9. Conclusion</p> <p>(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"> <li>1. Project to be made on inter leaf papers</li> <li>2. Pictures should be used appropriately (printouts to be taken only when school reopens)</li> <li>3. Pictures to be bordered and labeled</li> <li>4. No sketch pens to be used, use colour pencils etc</li> <li>5. Headings to be written properly</li> <li>6. Proper underlining to be done wherever required</li> </ol> <p>Please use your creative skills to make the project vibrant and interesting</p>	<p><a href="https://youtu.be/0z91b2cFhqY">https://youtu.be/0z91b2cFhqY</a> <a href="https://youtu.be/wkcoiKb6npg">https://youtu.be/wkcoiKb6npg</a> <a href="https://youtu.be/SHvmF7Enoc8">https://youtu.be/SHvmF7Enoc8</a> <u>Reference Link :</u> <a href="https://youtu.be/0z91b2cFhqY">https://youtu.be/0z91b2cFhqY</a> <a href="https://youtu.be/eRi8-qhjpgY">https://youtu.be/eRi8-qhjpgY</a></p>
	Geography	Ch-1 : Earth As A Planet	Thoroughly read and understand the chapter. Mark the important key words. Refer the link for better understanding.	<a href="https://youtu.be/IrJe4srso4">https://youtu.be/IrJe4srso4</a>
	Hindi Lit	पाठ - 1 : बात अठन्नी की , साखी प्रस्तुत साखी एवं बात अठन्नी की पाठ से लघु प्रश्नोत्तरों का किया जाना।	बात अठन्नी की "वह सारी तनख्वाह घर भेज देता, पर घरवालों का गुजारा न चल पाया।	पाठ - 1 : बात अठन्नी की , साखी प्रस्तुत साखी एवं बात अठन्नी की पाठ से लघु प्रश्नोत्तरों का किया जाना।

				<p>प्र०१ कौन अपनी सारी तनख्वाह घर भेज देता है? उसके घर में कितने सदस्य थे और कौन कौन?</p> <p>प्र०२ इंजीनियर बाबू का नौकर कौन था? उसका वेतन कितने रूपये थे?</p> <p>प्र०३ इंजीनियर बाबू का नौकर उनसे बार-बार क्या प्रार्थना करता था? इसपर इंजीनियर बाबू क्या जवाब देते?</p> <p>प्र०४ रसीला नौकरी क्यों नहीं छोड़ना चाहता था? समझाकर लिखें।</p> <p>प्र०६ इंजीनियर बाबू का पड़ोसी कौन था? किन-किनके बीच मित्रता थी?</p> <p>प्र०७ रसीला के हाथ पर किसने रूपए रख दिए? रसीला उसके बारे में क्या सोचने लगा?</p> <p>प्र०८ रामनिहाल श्यामा को क्या मानता था?</p> <p>प्र०९ काम-काज से छुट्टी पाकर रामनिहाल कहाँ जाने को तैयार था? ब्रजकिशोर बाबू ने उन्हें क्या जिम्मेदारी सौंपी?</p> <p>प्र१० प्रस्तुत कहानी में किसे किस बात का संदेह है? उसके संदेह को किसने तथा क्या कहकर दूर किया?</p>	
17.04.2020	IX	English Lang	<p>Total Eng Book IX</p> <ul style="list-style-type: none"> <li>• Ch - 1 to Ch - 6</li> </ul> <p><u>Instructions :</u> Practice the exercises</p>	<p>Ch:2- Interchange of sentences: Pg: 38-40</p> <p>The sentence is the basic unit of expression in English. There are four kinds of sentences:</p> <p>Assertive Interrogative Exclamatory Imperative</p>	<p><a href="http://dolon-tutorial.blogspot.com/2009/02/rules-of-grammar.html">http://dolon-tutorial.blogspot.com/2009/02/rules-of-grammar.html</a></p>

			<p>Read the rules given for interchange of sentences given in pg 38 &amp;39</p> <p>Assignments: Pg 40-41</p>	
	Math	<p>Ch- 1 : Rational and Irrational Numbers</p> <p>Topic: Irrational Numbers between rational numbers</p>	<p>Ex 1.3 (Q11, Q12, Q13, Q14, Q15, Q16, Q17)</p>	<p><a href="https://youtu.be/fVspQPbfXU8">https://youtu.be/fVspQPbfXU8</a></p>
	Chemistry	<p>Ch - 1 : Language of Chemistry (Basic Chapter)</p>	<p><b>Assignment for std 9</b></p> <p><b>Q1. Define the following terms</b></p> <ul style="list-style-type: none"> <li>• Symbol</li> <li>• Valency</li> <li>• Radicals</li> <li>• Acid and basic radicals</li> <li>• Chemical formula</li> </ul> <p><b>Q2. Fill in the blanks:</b></p> <ol style="list-style-type: none"> <li>a. Dalton used symbol _____ for oxygen _____ for hydrogen.</li> <li>b. Symbol _____ represents _____ atom(s) of an element.</li> <li>c. Symbolic expression for a molecule is called _____ .</li> <li>d. Sodium chloride has two radicals. Sodium is a _____ radical while chloride is _____ radical.</li> <li>e. Valency of carbon in CH<sub>4</sub> is _____ , in C<sub>2</sub>H<sub>6</sub> _____, in C<sub>2</sub>H<sub>4</sub> _____ and in C<sub>2</sub>H<sub>2</sub> is _____.</li> <li>f. Valency of Iron in FeCl<sub>2</sub> is _____ and in FeCl<sub>3</sub> it is _____ .</li> <li>g. Formula of iron (III) carbonate is _____ .</li> </ol> <p><b>Q3. Complete the following table.</b></p>	<p><a href="https://youtu.be/tL7Lwmuk4Rg">https://youtu.be/tL7Lwmuk4Rg</a></p> <p><a href="https://youtu.be/d_J7kFcPuWM">https://youtu.be/d_J7kFcPuWM</a></p> <p><a href="https://www.youtube.com/watch?v=Rd4a1X3B61w">https://www.youtube.com/watch?v=Rd4a1X3B61w</a></p> <p><a href="https://www.topperlearning.com/icse-class-9-chemistry">https://www.topperlearning.com/icse-class-9-chemistry</a></p> <p><u>Reference Link :</u></p> <p><a href="https://www.youtube.com/watch?v=AVhOK75I748">https://www.youtube.com/watch?v=AVhOK75I748</a></p>

<b>Acid Radicals</b>	<b>Chloride</b>	<b>Nitrate</b>	<b>Sulphate</b>	<b>Carbonate</b>	<b>Hydroxide</b>	<b>Phosphate</b>
<b>Basic Radicals</b>						
<b>Magnesium</b>	$MgCl_2$	$Mg(NO_3)_2$	$MgSO_4$	$MgCO_3$	$Mg(OH)_2$	$Mg_3(PO_4)_2$
<b>Sodium</b>						
<b>Zinc</b>						
<b>Silver</b>						
<b>Ammonium</b>						
<b>Calcium</b>						
<b>Iron (II)</b>						
<b>Potassium</b>						

Q4. Explain the terms '**valency**' and '**variable valency**'.

Q5. How are the elements with variable valency named? Explain with an example.

Q6. Give the formula and valency of:

aluminate .....

chromate .....

aluminium .....

cupric .....

Q7. Write the basic radicals and acidic radicals of the following and then write the chemical formulae of these compounds.

Barium sulphate, Bismuth nitrate, Calcium bromide, Ferrous sulphide, Chromium sulphate

Calcium silicate, Potassium ferrocyanide, Stannic oxide, Magnesium phosphate, Sodium zincate

Stannic phosphate, Sodium thiosulphate, Potassium manganite, Nickel bisulphate

Q8. Give the names of the elements and number of atoms of those elements present in the



following compounds.

- Sodium sulphate
- Quick lime
- Baking soda ( $\text{NaHCO}_3$ )
- Ammonia
- Ammonium dichromate

Compound	Formula
a. Boric acid	i. NaOH
b. Phosphoric acid	ii. $\text{SiO}_2$
c. Nitrous acid	iii. $\text{Na}_2\text{CO}_3$
d. Nitric acid	iv. KOH
e. Sulphurous acid	v. $\text{CaCO}_3$
f. Sulphuric acid	vi. $\text{NaHCO}_3$
g. Hydrochloric acid	vii. $\text{H}_2\text{S}$
h. Silica (sand)	viii. $\text{H}_2\text{O}$
i. Caustic soda (sodium hydroxide)	ix. $\text{PH}_3$
j. Caustic potash (potassium hydroxide)	x. $\text{CH}_4$
k. Washing soda (sodium carbonate)	xi. $\text{NH}_3$
l. Baking soda (sodium bicarbonate)	xii. HCl
m. Lime stone. (calcium carbonate)	xiii. $\text{H}_2\text{SO}_3$
n. Water	xiv. $\text{HNO}_3$
o. Hydrogen sulphide	xv. $\text{HNO}_2$

History /  
Civic

Ch 1: The Harappan Civilization

**\*The assignments given below have to be done in the History notebook. Divide your notebook into two parts. 1st part is for Civics and 2nd part is for History. Leave the 1st page for writing your Name, Sec, Roll No. Do your work neatly, draw double**

<https://youtu.be/3yFzIqNpsIE>

<https://youtu.be/mUI8stgpOT8>

<https://youtu.be/ZwYYVMsce>

			<p><b>margins on top for writing chp No.and name,and draw a margin after each answer.</b></p> <p>Exercises:Pg B-16 Question Nos.1,2,3,4,5 (Answers should be in bullets and not in paragraphs)e.g. Structured ques No.1(a) Town Planning</p> <ul style="list-style-type: none"> <li>• Streets divided the city into square or rectangular blocks.</li> <li>• Main streets were wide and straight and intersected each other at right angles.</li> <li>• Corners of the streets rounded off.</li> </ul> <p>Pg B-16:Ques nos.6,7,8,9,10 and 11</p> <ul style="list-style-type: none"> <li>• .</li> </ul>	<p><a href="#">CQ</a></p>
	Comp Appl	Ch - 2 : Introduction to Java	<p>Section A Pg-31 (Q1-11)- Solve Objective Type Question ( To be done in Notebook)</p> <p>Section B Pg- 31,32 &amp; 33 (Q1-9) Subjective Type Questions and answers ( To be done in Notebook)</p> <p>Ex- Q:- Define Byte Code. Ans- Java Compiler converts source code to an intermediate code. This code helps generate machine code. This code is independent of the machine on which the program runs. It makes a java program highly portable. Thus, this intermediate code is known as 'Byte Code'.</p>	<p><a href="https://youtu.be/h8jbQWmgeBM">https://youtu.be/h8jbQWmgeBM</a></p>

				<p><b>Q. write a program to perform arithmetic Operations (+, -, *, /) on two given double type number and show the result.</b></p> <p><b>Q. Write a program to find minimum of two numbers using if-else statement.</b></p> <p>Note:- Try to solve simple programs of java taught in class viii.</p>	
		Hindi Lang	वाक्य - परिवर्तन	<p>निर्देशानुसार वाक्य परिवर्तन:-</p> <ol style="list-style-type: none"> <li>१. वह आटा पिसाने चक्की पर गया। (वाक्य शुद्ध करें)</li> <li>२. हलवाई ने जलेबियाँ बनाई थी।(भविष्यत काल में बदलें)</li> <li>३. मौसी तुम हमारी गवाह बनना(लिंग बदलें)</li> <li>४. कर्मों का फल तो भोगना ही पड़ेगा। (वर्तमान काल में बदलें)</li> <li>५. सुल्तान इससे संतुष्ट हुए।("सुल्तन को" से वाक्य आरम्भ करें।)</li> <li>६. इस फूल का रंग कितना निराला है। (वचन बदलें)</li> <li>७. उनका जीवन असुरक्षित था।("नहीं" का प्रयोग करें, किन्तु वाक्य का अर्थ ना बदले)</li> <li>८. मुसाफिर धर्मशाला में विश्राम करते हैं।(भूतकाल में बदलें)</li> <li>९. पंडितजी कथा सुना रहे हैं।( "द्वारा" शब्द का प्रयोग करें)</li> <li>१०. बालक गुड्डे से खेल रहा है। रेखांकित शब्द का लिंग बदलें</li> </ol>	<p><a href="https://www.youtube.com/watch?v=G3NrufJxaEE&amp;feature=youtu.be">https://www.youtube.com/watch?v=G3NrufJxaEE&amp;feature=youtu.be</a></p>

18.04.2020	IX	English Lit	<ul style="list-style-type: none"> <li>• Story Ch - 4 : Hearts and Hands</li> </ul> <p><u>Instructions:</u> Read the Prose and learn the Poem</p>	<p>The story is set on a train to Denver. Exposition: The story opens in Denver with the boarding of passengers on the eastbound B&amp;M express. Characters:</p> <ul style="list-style-type: none"> <li>• Miss Fairchild: She is an attractive young woman on on Train(Main Character)</li> <li>• Mr. Easton: Real criminal( Main character)</li> <li>• Mr. Marshal: He is the US Marshal( Main Character)</li> <li>• Two passengers seated nearby</li> </ul> <p>Theme: The main theme of the story is Compassion defined as a sympathetic consciousness of others distress with adesire to alleviate it. The other theme is Appearances can be deceptive. Miss Fairchild goes by Mr. Easton’s appearance and believes him to be the real Marshall. Answer the following questions: i)Describe the young woman in the coach? ii) Why does the author call the two men as the ‘linked couple’? iii) Why was Mr. Easton embarrassed when the young woman recognised her? iv) What was the relationship between Mr. Easton And Miss Fairchild? v) Why do marshals handcuff themselves to their prisoners?</p>	<a href="https://icsehub.blogspot.com/2018/01/workbooktextbook-solutions-of-treasure.html">https://icsehub.blogspot.com/2018/01/workbooktextbook-solutions-of-treasure.html</a>
		Math	Ch- 1 : Rational and Irrational Numbers Topic: Simplification of Surds	Ex 1.4 (Q1, Q2, Q3, Q4, Q5)	<a href="https://youtu.be/iTt3TVjsjuY">https://youtu.be/iTt3TVjsjuY</a>
		Bio	Ch– 2 : The Cell Cell Organelles.	1. Name all the cell organelles seen in plant cells and animal cells and give its	<a href="https://youtu.be/URUJD5NEXC8">https://youtu.be/URUJD5NEXC8</a>

				<p>functions. ( Ref Text book page no 13)</p> <ol style="list-style-type: none"><li>2. Differentiate between chromoplast and leucoplast.</li><li>3. Give any three functions of nucleus.</li><li>4. Why is mitochondria called power house of the cell?</li></ol>	<p>Reference Link :</p> <p><a href="https://www.youtube.com/watch?v=Z7oLSW_JVI8">https://www.youtube.com/watch?v=Z7oLSW_JVI8</a></p> <p><a href="https://youtu.be/URUJD5NEXC8">https://youtu.be/URUJD5NEXC8</a></p> <p><a href="https://www.youtube.com/watch?v=8c_Ih-cIAko&amp;list=PL88k7SohXqNC9yOEY3qm6IDEfsauJf21i">https://www.youtube.com/watch?v=8c_Ih-cIAko&amp;list=PL88k7SohXqNC9yOEY3qm6IDEfsauJf21i</a></p>
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Rakshmi

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