

Guru Harkrishan Public School, Karol Bagh
Class – IX
Holiday Homework 2024-25
Subject : English

<p><u>Week – 1</u></p> <p>Make a pictorial project on the life of the poet- Robert Frost depicting the life events, awards and literary work in about 3-4 pages.</p>	<p><u>For better understanding, follow the shared link:-</u></p> <p>https://www.poetryfoundation.org/poets/robert-frost</p>	<p>To be done :-</p> <p>A4 Sheets and the sheets to be neatly kept and presented in an A4 size hand-made folder.</p>
<p><u>Week – 2</u></p> <p>Many interviews of Sudha Murthy with celebrities like Shashi Tharoor, Twinkle Khanna are uploaded on Social Media. Write the review of any one of the interview in about 120-150 words.</p>	<p>https://www.youtube.com/watch?v=7Mkaz1CggaY</p> <p>https://www.womensweb.in/2021/10/sudha-murthy-shares-her-life-truths-with-twinkle-khanna-oct21wk3sr/#google_vignette</p>	<p>Complete this activity on an A4 sheet and keep them in hand-made folder.</p>
<p><u>Week – 3</u></p> <p>Along with all the advancements, With the developing society, pollution is also a massive problem among us. The original is mainly from the human being who is mostly responsible for their activities, may that be at home or work causes pollution. One of the primary types of pollution is Noise pollution. Write a paragraph in 100-150 words on Noise pollution and its effects on human health.</p>	<p>https://www.britannica.com/science/noise-pollution</p>	<p>To be done in English Class Register.</p>
<p><u>Week – 4</u></p> <p>Complete all the exercises of Unit 2 (Determiners), Unit 3(Future Time Reference) from the ‘English Workbook’.</p>	<p>https://cdn1.byjus.com/wp-content/uploads/2022/04/NCERT-Class-9-English-Revised-WorkBook-2022.pdf</p>	<p>To be done in English Workbook.</p>
<p><u>Week – 5</u></p> <p>Students are advised to prepare Any One topic from</p>		

the following for speaking skill. (Time limit 2 to 3 minutes)		
<ol style="list-style-type: none"> 1. Future of English in India 2. Value of discipline in your life 3. A World free from War 4. India as a world power 5. Participation of Student's in Politics 		
Week – 6		This activity to be done in your Class Register.
Read Ch-3 The Man Who Knew Too Much from your Literature Text-book. Write 1 diary entry based on any one important incident from the chapter.	https://www.cbse.gov.in/publications/interact_in_english_lit_ix/UNIT-3.PDF	

SUBJECT : Hindi

WEEK 1

निम्नलिखित विषयों पर अनुच्छेद लिखे

लड़की पढ़ाओ देश बढ़ाओ https://youtu.be/e5swb_-zDHM?si=NX8jv4ZHBpBmmNiT

महानगरों में बढ़ता प्रदूषण

WEEK 2

जल संरक्षण पर प्रोजेक्ट तैयार करें

A3 WHITE/COLOR शीट पर चित्र तथा जानकारी समान मात्रा में हो। जल संरक्षण के लिए क्या करें और क्या ना करें संबंधित तीन-तीन महत्वपूर्ण बातें लिखें।

WEEK 3

संवाद लेखन https://youtu.be/70BvTrnsHs8?si=X2v5cpB4Cnnv4Y_s <https://youtu.be/70BvTrnsHs8?si=Wj8TypScKY4HUBks>

चुनाव में खड़े होने वाले उम्मीदवार तथा रिपोर्टर के मध्य वार्तालाप

चुनाव चिन्ह से संबंधित जानकारी

चुनाव पत्र में उनके द्वारा किए वादे

WEEK 4

पाठ 1, 2, 3 के प्रश्न उत्तर व्याकरण कार्य की पुनरावृत्ति करें।

WEEK 5

अनुस्वार, अनुनासिक, उपसर्ग तथा प्रत्यय की परिभाषा लिखकर पाँच-पाँच उदाहरण लिखिए ।

WEEK 6

अपने छोटे भाई को कविता प्रतियोगिता में प्रथम आने पर बधाई पत्र लिखिए।

Subject: Mathematics

Week-1

1. Do multiple choice questions (MCQ) from chapter- 1 & 2 (15 each chapter) in separate notebook.

Revise chapter - 1

For better understanding, follow the shared links:

<https://www.youtube.com/watch?v=qZ2Y61XOmYw> <https://www.youtube.com/watch?v=luDE2gmYUWs>

Week-2

2. Construct a Square

Root Spiral.

<https://www.youtube.com/watch?v=DjBoc5URKYg>

Week-3

3. Make a project on

history of number π (pie).

<https://www.youtube.com/shorts/cdiRoG2QOkE>

Week-4

4. Present different types

of Numbers using coloured sheets.

<https://youtu.be/A4zDec4KnlQ>

Week-5

5. Make a project on

different types of Lines and Angles

<https://youtube.com/shorts/V0LdN4xxHHs?>

Week-6

6. Revise Ch. 1 & Ch. 2 thoroughly for U

Subject : Science

CHEMISTRY

Do these questions in your chemistry register :-

May 3rd week 2024

1. Convert the following temperatures to the Celsius scale. (a) 286 K (b) 479 K

2. Convert the following temperatures to the kelvin scale. (a) 55°C (b) 393°C

3. Explain with the help of a labelled diagram describe an activity to show that nature of matter is particulate and not continuous.

<https://youtu.be/OjEIFVfHdWs?si=ZJ-PJSj1AR1qOaq9>

4. With the help of a diagram explain in brief an activity to show that particles of matter are very small.

https://youtu.be/akQQ_hbBwwc?si=txX6BbvIXZ7aa-PW

May 4th week 2024

PROJECT

Search new themes / hand on activities / models for Different science FROM Arvind Gupta toys ,Think tac etc sites and make one model related to your syllabus.

<https://www.arvindguptatoys.com/toys.html>

<https://www.thinktac.com/>

Bring any one purifying plant from nursery near to your home and take care of it during your vacations bring that plant in the month of July to the school.

June 1st week 2024

Do this on A4 size sheets and put in handmade folder .

Read ch 1 Matter in our surroundings and Prepare 10 questions MCQ from the chapter.

2) Write any 10 assertion and reasoning question

June 2nd week 2024

Read chapter Ch 1 and Ch 2 from your NCERT book and make mind map /Flow chart of that chapter.

June 3rd Week 2024

Compare the properties of Solid, Liquid and Gas and paste pictures of it from your daily life.

<https://youtu.be/QQsybALJoew?feature=shared>

June 4 th Week 2024

1.You observe evaporation in your daily life. Try to explore things from your daily life and write it down.

<https://youtu.be/At6N9FIILOM?si=uaHmP4spseJOb9UI>

2. Write the difference between boiling and evaporation.

3. Revise all topics covered in class.

PHYSICS

Week 3(May)

Derive graphically All three equations of motion.

What are the use of these equations in our daily life.

Is all the three equations are real equations.

Week 4(May)

Chapter 7 Motion

Intext Questions(NCERT)

Art integrated activity on

Tug of war(by drawing different types of forces practically).

Week 1

Exercise Questions(NCERT)

Art integrated activity on

Uniform circular motion

Week. 2

Activity 7.4

Activity 7.5

Week 3

Activity 7.8

Activity 7.9

Week 4

Draw graph for Distance v/s time for

- a) Uniform motion
- b) Non Uniform motion(NCERT)

Draw graph for velocity v/s time for

- a) Uniform accelerated motion.

Explain Uniform circular motion.

BIOLOGY

<p>NCERT</p> <p>Textbook <i>Theme: Natural Resources</i></p> <ul style="list-style-type: none">● Link 1: https://www.who.int/health-topics/air-pollution● Link 2: https://www.cdc.gov/climateandhealth/effects/allergen.htm <p>Theme: Improvement in Natural Resources</p>	<p>WEEK 1</p> <p>•After reading Link 1 &2, Make a ppt on air pollution .</p> <p>WEEK 2</p> <p>Make a colourful poster on water cycle.</p>
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<p>Link 3: https://www.youtube.com/watch?v=xkhZZp0Nzrw</p> <p>Link 4: https://www.youtube.com/watch?v=WBrjxwmFA</p> <p>Link 5: https://www.youtube.com/watch?v=ctuy3x1LqW8</p> <p>Link 6: https://www.youtube.com/watch?v=4dGZSWXXxgM</p>	<p>WEEK 3</p> <p>Go through the Link 3 and Link-4 and try to answer the questions of NCERT book .</p> <p>Collect kitchen waste, plant waste, ash, newspaper, food scraps, etc. Mix them with soil and add some water. Stir and mix the contents regularly. Allow the materials to decompose.</p> <p>Write down the advantages and disadvantages of manure. Also describe types of manure.</p> <p>WEEK 4</p> <p>Refer Link -5&6</p> <p>Make a model of Plant Cell/Animal cell using Clay, beads, thread etc and label all parts.</p>
<p>Link 7 https://www.cdc.gov/vaccines/schedules/easy-to-read/child-easyread.html</p> <p>Link 8 https://www.immune.org.nz/vaccines/vaccine-development/brief-history-vaccination</p>	<p>WEEK 5</p> <ul style="list-style-type: none"> • Enquire from your parents regarding the vaccination you received in your childhood and with the help of link 7 and 8 find out against which diseases that protect you. • Find out the vaccination schedule for a child and make that in the form of table. • Also find Vaccine-Preventable Diseases and the Vaccines that Prevent Them • Collect brief history about vaccination and how it works.
<p>Link 7 https://www.cdc.gov/vaccines/schedules/easy-to-read/child-easyread.html</p> <p>Link 8 https://www.immune.org.nz/vaccines/vaccine-development/brief-history-vaccination</p>	<p>WEEK 5</p> <ul style="list-style-type: none"> • Enquire from your parents regarding the vaccination you received in your childhood and with the help of link 7 and 8 find out against which diseases that protect you. • Find out the vaccination schedule for a child and make that in the form of table. • Also find Vaccine-Preventable Diseases and the Vaccines that Prevent Them • Collect brief history about vaccination and how it works.

SUBJECT : SOCIAL SCIENCE

MONTH- 3&4 WEEK of MAY & JUNE

MAY- 3rd &4th Week ,JUNE-First Week

3rd Week Of May

<https://shapingminds.in/disaster-management-project-class-9/>

1. Make a project on any one of the following disaster management topic.

(a) drought

(b) cyclone

(c) land degradation

(d) Earth Quack

(e)Fire Hazard

(f) Sunami

4th Week Of May

<https://www.adda247.com/school/disaster-management/>

2. Every student has to compulsorily undertake one project on Disaster Management.

3. Objectives: The main objectives of giving project work on Disaster Management to

the students are to:

- a. create awareness in them about different disasters, their consequences and management
- b. prepare them in advance to face such situations
- c. ensure their participation in disaster mitigation plans
- d. enable them to create awareness and preparedness among the community.

4. The project work should also help in enhancing the Life Skills of the students.

5. If possible, different forms of art may be integrated in the project work.

6. In order to realize the expected objectives completely, it would be required of the

Principals / teachers to muster support from various local authorities and organizations

like the Disaster Management Authorities, Relief, Rehabilitation and the Disaster

Management Departments of the States, Office of the District Magistrate/ Deputy

Commissioners, Fire Service, Police, Civil Defense etc. in the area where the schools are located.

1. The total length of the project report should not be more than 15 written pages of A-4 size sheet.

2. The project report should be handwritten and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.

3. The project report should be presented in a neatly bound simple folder.
4. The project report should be developed and presented in this order
 - a) Cover page showing project title, student information, school and year.
 - b) List of contents with page numbers.
 - c) Certificate page
 - d) Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).
 - e) Chapters with relevant headings.
 - f) Summary and conclusions based on findings.
 - g) Bibliography: should have the Title, author, publisher and if a website the name of the website with the specific website link which has been used.

First Week of June

https://in.video.search.yahoo.com/yhs/search?fr=yhs-fc-2461&ei=UTF-8&hsimp=yhs-2461&hspart=fc¶m1=7¶m2=eJwti8sKgZAURH%2FILI1IzMvU4Gd0VcRFqqllejImoxdKv75WW2Zw5wwzYN3V7uwvOtbS6ydtI3VpbEZ4TV5JLQaX7eSJcCEUImdF MV0xIRXLwiSxGwpcjmtMHQ3BFyThkB8Y%2BHRvEHQRnvAYSrtfwNvoCblmCP%2Fxfjwr0o1ZUpA9k07nPIIeDkYfDdlC7QjWuafSGkZvwMbO7pVvxfvhFVOyc%3D&p=class+9+disaster+management+project&type=fc_ADDA49F0A8D_s58_g_e_d032021_n9998_c999#id=1&vid=c1ea2ffd9087c6ca6019355d311d79d2&action=click

MARKS DISTRIBUTION

Total Marks will be allocated over the different aspects of the Project Work in the

following manner: -

- 1 Content accuracy and originality
- 2 Presentation and creativity
- 3 Process of Project Completion: Initiative-operation, participation and punctuality
- 4 Viva or written test for content assimilation

2nd Week Of June

<https://www.pw.live/exams/school/cbse-class-9-social-science-syllabus/>

1 Read English Newspaper daily to increase your concentration.

3rd Week of June

2 Revise the whole syllabus thoroughly & prepare for unit test 1.

4th Week of June

Complete your notebook work.

<https://in.video.search.yahoo.com/yhs/search?fr=yhs-fc-2461&ei=UTF-8&hsimp=yhs-2461&hspart=fc¶m1=7¶m2=eJwti8sKgZAUrh%2FILI1IzMvU4Gd0VcRFqqlejlmoxdKv75WW2Zw5wwzYN3V7uwvOtbS6ydtI3VpbEZ4TV5JLQaX7eSJcCEUImdFMV0xIRXLwiSxGwpcjmtMHQ3BFyThkB8Y%2BHRvEHQRnvAYSrtfwNvoCblmCP%2Fxfjwr0o1ZUpA9k07nPIIeDkYfDdlC7QjWuafSGkZvwMbO7pVvxfvhFVOyc%3D&p=class+9+cbse+social+science+map+2024->

Art Education

1st week

* Make a beautiful, colourful and creative Poster on the theme. SAVE WATER, CONTROL POLLUTION with oil pastel colour or painting colour.

Link attached for reference ...

<https://youtu.be/OXDVjwp17GU>

2nd week

* Make a colourful & creative Poster on theme

NOISE POLLUTION (colour of your choice)

For reference link attached

<https://youtu.be/dG49HqTQRdE>

3rd week

* Flowers with satin ribbon or pastel sheets or coloured paper

You will love to make them . Link attached for reference

<https://youtu.be/TazgTv81HFI>

4th week

* Make any one beautiful and colourful poster on the theme & show your creativity .

CLEAN INDIA / HEALTHY INDIA / EAT HEALTHY, STAY FIT / EXERCISE REGULARLY, STAY HEALTHY

Link attached for reference

https://youtu.be/sMTjJ_JRxAo

5th week

* Make a beautiful paper craft to celebrate world environment dayLink attached

<https://youtu.be/BWJPPURTuJY>

The given work to be done in art file or drawing sheets

Enhance the beauty of your drawing with attractive border & bring after summer break.

1. Draw the diagram of Tanpura in your notebook mentioning each parts.
2. Write any 1 english song in your notebook.

Subject Divinity

1st week

- 1) Learn question answers of Chapter 1&2

2nd week

- 2) Recite Japuji Sahib Path daily.

3rd week

- 3) Make a family tree of 10 Gurus.

https://www.sikhiwiki.org/index.php/Guru_family_tree

4th week

- 4) Write 10 facts about guru Gobind Singh ji using this link <https://www.youtube.com/watch?v=8ZZUIbSAuKk>

5th week

- 5) Learn Ardas

6th week

Make a beautiful chart on Guru Gobind Singh ji using facts

PAT

Holidays HH in Practical File,

1 Fitness tests,8

2 Olympics 2024

(200words)

3 Draw Surya Namaskaar with Details on A3 sheet.

4 2mins self video, talk on ur favourite Game

5 Complete Notes till chapter 1 ,n communication skills 200words

6 Details of ur summer coaching in any Game.

Submit on 01july2024

Games

Do 30mins yoga daily.

Do 30mins Favorite Game daily.

Draw Surya Namaskar on A3 sheet laminate.

PUNJABI

ਛੁੱਟੀਆਂ ਦਾ ਸਾਰਾ ਕੰਮ ਏ-4 ਸ਼ੀਟ ਉੱਤੇ ਕਰੋ ਅਤੇ ਇੱਕ ਸੁੰਦਰ ਫੋਲਡਰ ਤਿਆਰ ਕਰ ਕੇ ਸ਼ੀਟਾਂ ਉਸ ਵਿੱਚ ਲਗਾਓ :

<p>WEEK – 1 https://youtu.be/TvKCyrnWc1Q?si=Mbrljfru26djzeYC https://youtu.be/s_VXdCccv5Q?si=DxGfw6EPkrfslvH0</p>	<p>ਕੋਈ ਵੀ ਪੰਜ ਇਸਤਿਹਾਰ ਬਣਾਓ। ਹੇਠ ਲਿਖੇ ਵਿਸ਼ੇਆਂ ਬਾਰੇ ਚਿੱਤਰ ਸਮੇਤ ਲਿਖੋ।</p>
<p>WEEK – 2 https://youtu.be/ZZA9qOxgrtY?si=KqId_28_Jnp4Ckqd https://youtu.be/L8CN7YAF0rM?si=aX9sJd7LBfryFbyU</p>	<p>ਕੇਲੀਗ੍ਰਾਫੀ ਦੇ ਅਲਗ ਅਲਗ ਲਿੰਕ ਵੇਖ ਕੇ ਪੰਜਾਬੀ ਵਰਨਮਾਲਾ ਦੇ ਚਾਰਟ ਬਣਾਓ।</p>
<p>WEEK – 3 https://youtu.be/GHZo2kyF1tY?si=vSgAiq5DZmLyaxN8 https://youtu.be/rjlUYbZs4tY?si=77nt8vr_qgGH1pYx</p>	<p>ਕੋਈ ਵੀ ਪੰਜ ਚਿੱਤਰ ਵਰਨਣ ਕਰੋ।</p>
<p>WEEK – 4</p>	<p>ਆਪਣੀ ਪਾਠ ਪੁਸਤਕ ਤੋਂ ਹਰ ਰੋਜ਼ ਸੁਲੇਖ ਲਿਖੋ।</p>
<p>WEEK – 5</p>	<p>ਪ੍ਰੋਜੈਕਟ : ਬਹੁਅਰਥਕ ਸ਼ਬਦਾਂ ਤੇ ਸੁੰਦਰ ਚਾਰਟ ਬਣਾਓ।</p>
<p>WEEK - 6 https://youtu.be/nA1Bam8I0YU?si=CmnpfhgJysIvpjXl</p>	<p>ਪੁਰਾਣੇ ਵਿਰਸੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਕੇ ਲਿਖੋ।</p>

(I.T)

Practice questions (which must be completed in the It register)

1. What is communication?

2. What is writing?
3. What do you mean by Phrase and write the types of phrases?
4. What is a sentence?
5. Write the types of sentences.
6. Define Part of Speech and explain any two parts of speech.
7. What is a paragraph and how to construct a paragraph?
8. Describe the format of article writing.
9. What are the Barriers to Effective Communication?
10. What do you mean by communication barrier?
11. Define any 2 communication barrier.
12. How to handle barriers to communication?
13. Explain any two 7Cs of Communication. (Imp)
14. What do you mean by an Operating System?
15. write the types of an Operating system.
16. Mention any three functions of operating system.
17. Name any three mobile operating systems and computer operating systems.

18. Define any 2 types of an operating system.

19. What do you mean by File System?

20. How to create a folder and rename it?

Computer

1. Computer project:

Topic: ARTIFICIAL INTELLIGENCE

The topic must contain the following points:

- a) Introduction to Artificial Intelligence
- b) Purpose of Artificial Intelligence.
- c) The uses of Artificial Intelligence
- d) Advantage and disadvantage of Artificial Intelligence
- e) Applications of Artificial Intelligence

Make your project on A4 sheet paper. Write information; add pictures to make it attractive or you can also draw pictures. On the first page write topic name, your name, class and section. From second page write information about the topic. Use at least 5 pages to complete the project. Don't write information on both side of the page.