PM SHRI KENDRIYA VIDYALAYA KATHUA (JAMMU) HOLIDAY'S HOME WORK (AUTUMN BREAK 2024) CLASS VI A & B

Dear parents. Greetings. We have planned Holidays HW (Science) a short but Interesting. It will stimulate your wards for doing experiments, observing the things, drawing the conclusions which are the main focused competencies of NEP 2020. Child may feel a bit difficulty in collecting the data. So please help your Child to complete his assignment. And make sure that whatever the child does, he/ she must learn a lesson from his doings.

Moreover, it is the time of Festivals. Let your child to enjoy also. But be careful that the child must not get any injury while playing with crackers or anything else. All the Best and Happy Holidays.

- **Body Temperature of 10 Persons:** S.No | Name of the Person **Relation with** Temperature **Temperature** in°F student in°C 1 2 3 4 5 6 7 8 9 10
- 1) Complete the following worksheets in your Fare Copy:

- 2) Make a Paper Scale (15 cm) and Paste it on your Copy.
- 3) Identify a Table in your Home and find the length of the Table in Hand span by each family member of your House and fill the following table:

S.No	Name of the family	Relation with student	Number of Hand spans
	member		
1			
2			
3			
4			
5			

4) Complete the following table and learn this table also as the things given in this table are very important for any person in his daily life:

Vitamin/Mineral	Functions	Deficiency	Sources	Symptoms
		Diseases		
Vitamin A				
Vitamin B1				
Vitamin C				
Vitamin D				
Calcium				
Iodine				
Iron				

5) Observe in your daily activities that how the water is wasted and how it can be saved. Complete the following table:

Activity	How water is wasted	Suggest ways to reduce wastage of water
Hand washing		
Washing Cloths		
Washing utensils		
Taking Showers		
Cooking		
Gardening		
Brushing Teeth		
Washing Vehicles		

2. _____

3. ____ ___

Class VI Social

1.Visit any 5 local historical places and write a report about them. Also paste your photographs showing your visit.

2.Locate Indian states and its capital cities on the political map of India.

3.Locate different oceans and continents in a world map.

5. Make a mind map of India that is Bharat and Value of work.

6. Make learners diary of chapter -Bharat and Value of work.

Class VI Maths

- 1. All the students will Prepare Learner's Diary and make MDP
- 2. Complete the home work of chapter Data Handling upto the taught page number.
- 3. Write and learn tables from 2 to 20.

1.....

- 3. ______ ___ ___

CLASS -VI

SUBJECT- ENGLISH

- 1. Make a poster with a meaningful slogan on "Save Water".
- 2. Collect dry leaves of four different trees and plants around you. Make one card, on the top draw the shape of the leaf looking at the dry leaf and colour it. Inside the cards, write the name of the tree/plant the leaf is taken from and one of its uses.
- 3. Make one beautiful word root tree.
- 4. Write a paragraph on the following given topics
 - a) Benefits of reading newspaper

Bad effects of watching television

PM SHRI KV KATHUA Winter Break Home Work Class-VII Subject: - English

- Make a learner's diary of the lessons of term II.
- As the citizens of a nation, we all must fulfill our duty. Write a letter to your friend describing how do you propose to serve your nation.
- Collect the pictures of all bravehearts who lost their lives in Kargil war. Also mention the awards they receive posthumously.
- Write one new word daily from any English newspaper along with its synonyms and antonyms. Revise all the syllabus of periodic test second to be held in January 2025 by heart.

KENDRIYA VIDYALAYA KATHUA

HOLIDAY HOMEWORK (WINTER VACATIONS)

SUBJECT: SCIENCE

CLASS – 7th

COMPLETE YOUR LEARNER'S DIARY

Case Study: Reproduction in Plants

A teacher showed her students different plants in the school garden. The garden had flowers like roses and sunflowers, and vegetables like tomatoes and cucumbers. She explained that plants can reproduce in two main ways: **sexual reproduction** and **asexual reproduction**.

- 1. **Sexual reproduction** happens in flowers. The teacher showed the students the parts of a flower the **stamens** (male part) and the **pistil** (female part). When pollen from the stamens reaches the pistil, the flower can make seeds.
- 2. Asexual reproduction happens when plants grow new plants from parts like the roots, stems, or leaves. For example, cucumber plants can grow from seeds, while potato plants can grow from pieces of their tubers.

Questions:

- 1. What are the two main types of reproduction in plants?
- 2. What is pollination? How does it help flowers reproduce?
- 3. Are cucumbers grown from seeds sexual or asexual reproduction?
- 4. What is vegetative reproduction? Can you name a plant that uses it?

Case Study: Motion and Time

Ravi and his friends decided to race from their school to a nearby park. The distance between the school and the park is 500 meters. Ravi takes 2 minutes to complete the race, while his friend Aditi takes 4 minutes to finish the same race. Their teacher explains that **motion** means the change in position of an object with time. She also explains that **speed** is the distance traveled by an object in a given time.

The teacher asks the class to calculate the **speed** of both Ravi and Aditi during the race.

Questions:

- 1. What is motion?
- 2. What is speed, and how is it calculated?
- 3. Calculate the speed of Ravi.
- 4. Calculate the speed of Aditi.
- 5. Who is faster, Ravi or Aditi?

Multiple-choice questions (MCQs) based on the chapter''Electric Current and its Effects"

1 Which of the following is an example of the heating effect of electric current?

- a) Electric bell
- b) Electric fan
- c) Electric heater
- d) Electric motor

2 The phenomenon of electric current producing a magnetic field is called:

a) Magnetic effect

b) Electrolysis

c) Heating effect

d) Chemical effect

3 What is the function of a fuse in an electric circuit?

- a) To increase the current
- b) To protect the circuit from overloading
- c) To reduce the voltage
- d) To store electric charge

4 Which of the following devices uses the heating effect of electric current to produce light?

- a) Electric motor
- b) Electric bulb
- c) Electric fan
- d) Electroplating unit

5 When a fuse blows, what happens in an electric circuit?

a) The current increases.

- b) The circuit is broken and the current stops flowing.
- c) The voltage increases.
- d) The current keeps flowing, but at a lower voltage.

Multiple-choice questions (MCQs) based on the chapter "Light"

- 1 What is the source of natural light?
- a) Lamp
- b) Sun
- c) Flashlight
- d) Electric bulb

2 Which of the following surfaces will reflect the most light?

- a) A rough surface
- b) A smooth, shiny surface
- c) A black surface
- d) A rough dark surface

3 What happens to the light when it hits a mirror?

- a) It bends.
- b) It passes through.
- c) It gets absorbed.
- d) It reflects.

4 What causes a rainbow to form?

- a) Reflection of light
- b) Refraction of light
- c) Absorption of light
- d) Scattering of light
- 5 The image formed by a plane mirror is:
- a) Real, inverted, and diminished
- b) Virtual, upright, and the same size
- c) Virtual, inverted, and reduced
- d) Real, upright, and magnified

Activity based task

- 1.Made a homemade Water Purifier
- 2. Make a list of some insulator and conductor which u see in your daily life
- 3. How seven colour merge to form white light or single colour(Rainbow)

CLASS VII MATHEMATICS

	Do all the questions in the copy, earlier used for Summer Vacation Home Work otherwise make a separate copy of 50 pages and do in that copy.		
1	$\begin{array}{c} A \\ P \\ \bullet Q \\ \bullet S \\ \bullet S \\ \bullet D \\ \hline T \\ \bullet B \\ \end{array} $		
	What are the points that lie on the given triangle? T C B		
2	Two sides of a triangle are 11 cm and 5.5 cm. What will be the minimum length of the third side?		
3	In Figure find the value of x. \int_{x}^{x}		
4	Check whether the following measures (in cm) can be the sides of a right - angled triangle or not., 3.6, 3.9		
5	One on the exterior angles of a triangle is 70° and the interior opposite angles are in the ratio 3:4. Find the angles of the triangle.		
6	In $\triangle ABC$, $2A = 3B = 6C$. Calculate A, B and C.		
7	A cloth shrinks 0.5% when washed. What fraction is this?		
8	What percentage is Rs 19.75 of Rs 25?		
9	Out of 40 students in a class, 32 opted to go for a picnic. What percent of students opted for picnic?		
10	Anita takes a loan of₹ 5,000 at 15% per year as rate of interest. Find the interest she has to pay at the end of one year.		
11	Narayan secured 45% marks in English, 60% in Mathematics and 69% in Hindi. If the maximum marks in these subjects are 60, 80 and 100 respectively, find his aggregate percentage.		
12	In an examination, there are three papers each of 100 marks. A candidate obtained 53 marks in the first and 75 marks in the second paper. How many marks must the candidate obtain in the third paper to get an overall of 70 per cent marks?		
13	Arrange in ascending order $\frac{2}{5}$, $\frac{1}{3}$, $\frac{-3}{4}$, $\frac{1}{6}$		
14	Insert 3 equivalent rational numbers between: $\frac{-1}{2}$ and $\frac{1}{5}$.		
15	Give three rational numbers equivalent to $\frac{7}{11}$		
16	Give three rational numbers equivalent to $\frac{-3}{4}$		
17	What should be subtracted from $\left(\frac{3}{4} - \frac{2}{3}\right)$ to get $-\frac{1}{6}$?		
18	Represent the rational numbers $\frac{-1}{4}$, $\frac{-7}{12}$ and $\frac{-5}{6}$ as points A, B and C on the number line.		

Class VII (Social Science)

1. Visit any local historical place and write a report about it.

2.Locate Indian states and its capital cities on political map of India.

3.Locate different oceans and continents in world map.

5. Make mind map of Human environment Interaction and Tribe, Nomads and settled communities

1.....

3._____

1

2. _____ ____

3. ___ __ __ ___

4. _____ __ __ __ ___

4.000 000 -

6. _____ **___** ___ **___ ___** ___ **___ ___** ___ **___ ___ ___**

CLASS – VII

SUBJECT – ENGLISH

. Make a beautiful word root tree

. List atleast five verbs whose present, past and

past participle forms are same.

. Read any English newspaper everyday.Stick two news clips from each day . Underline new words and write down their meanings.

. Solve reading comprehension passage first from your half yearly question paper with correct aswers.

_____**_**______

1. _____ ___ ___ ___ ___ ___ ___ ___

- 4. ______

1. _____ ___ ___ ___ ___ ___

2. ______, ____, _____, _____, _____, _____,

1.

2.

3. _____

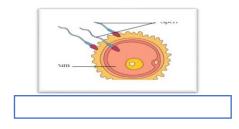
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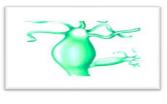
PM SHRI K V KATHUA AUTUMN BREAK HOLIDAY HOMEWORK CLASS: VIII SUBJECT: SCIENCE

1. Rea	d Chapter -Repro	duction in an	imals				
1. Wri	te one word for fo	llowing sente	ences				
a) Fus	ion of male gamet	e and female	gamete				•
b) Nar	ne of male gamete						
c) Nan	ne of female game	te			·		
	Fertilisation	which	takes	place	inside	the	female
,	Fertilisation	which	takes	place	outside	the	female
f) Anii	mals which lays eg	gs					
g) Ani	mals which give b	irth to young	ones			<u> </u>	
h) Dra	stic changes whicl	h transform l	arva into ad	ult			·
2.Two	modes of reprodu	ction					

3. Identify correct statements about the zygote-

4. Which type of reproduction is exhibited by the following diagrams-







5. Roslin Institute in Edinburgh successfully cloned a sheep. The name given to that sheep was-

Rosie	Dolly	Selvi	Chelsa

b-The process by which sheep was produced is known as-

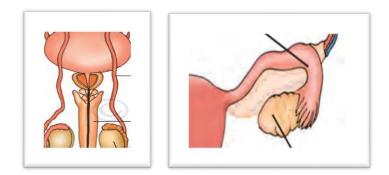
6. In asexual reproduction only single parents are involved. The offspring are similar as their parent. Which statement/ statements is/ are correct/ incorrect about asexual reproduction- (put correct/ incorrect marks)

Potato plants propagate through asexual reproduction
The progenies of asexual reproduction show more variation
The sexually reproducing organism have poorly developed reproductive system
Zygote is product of asexual reproduction

7. At a time male gametes are produced in an enormous amount in comparison to the female gamete in human females. The number of eggs is limited in human females. Mention the site of production of male and female gametes in the following format-

Gamete	Name	Site of production	Numbe r of gametes
Male			
Female			

8. The given diagrams are of male and female reproductive systems-



Label the indicated parts

- **Class VIII AI**
- 1) Write down 5 applications of Al/uses of Al in daily life.
- 2) Explain the concept of NLP. (Natural language processing. in Al
- 3) Give two examples of Computer Vision (CV).
- 4) What is data and its type.
- 5) You have to Search the sites / games in which Al play with the user (Rock, Papers, Scissor)

1. _____ ___ ___ ___ ___ ___ ___

- 1.
- 3. _____

2.00000000 00000 00 0000 00000 :-

Class VIII Social Science

1.Visit any 5 local historical places and write a report about them. Also paste your photographs showing your visit.

2. Make MDP on topic- Water

3. Make a timeline from 1651 to 1857. Mention all important incidents.

4. Locate Indian states and its capital cities on a political map of India.

CLASS VIII MATHS

- 1. Learn tables 1-25.
- 2. Learn the Squares of the numbers from 1-25.
- 3. Learn the Cubes of the numbers from 1-25.
- 4. Revise any five Examples of Chapter 8 Algebraic Expressions and Identities in fair notebook.
- 5. Complete your Learner's Diary . (Format is already in your class group)
- 6. Complete your Multi Disciplinary Project.

MULTI DISCIPLINARY PROJECT TOPIC : HEALTH IS WEALTH

FRAME WORK

- THE COVER PAGE
- CERTIFICATE
- ACKNOWLEDGEMENT
- INDEX
- CONTENTS ACTIVITY-WISE (WITH PAGE NO)

ACTIVITIES

• Prepare a Bar Graph for Protein in grams found in your 5 favourite food items.

REPRESENT THE ABOVE COLLECTED DATA IN A TABULAR FORM.

Collect data of amount of Protein in grams required by an adult daily.
1. Find ratio of protein required by a person to its body weight.
You can conduct survey with any five adults in your locality. If adult does not know about the amount needed, Please do required research and guide them according to their diet.

• PASTE THE PICTURES OF DIFFERENT TYPES OF FOOD ITEMS AND NAME THE NUTRIENTS PRESENT IN THEM.

Children will learn the Importance of various nutrients in their food items necessary for their health.

$\Box \Box \Box \Box = -2024-25$

SOCIAL SCIENCE

Class IX

Learn and complete all chapters completed till date.

On an outline map of India show the following: India – States and Capitals **Tropic of Cancer, Standard Meridian Neighbouring Countries** India physical features Mountain Ranges: The Karakoram, The Zanskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and Eastern Ghats Mountain Peaks - K2, Kanchan Junga, Anai Mudi Plateau – Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau Coastal Plains - Konkan, Malabar, Coromandel & Northen Circar The Himalavan River Systems – The Indus, The Ganges and The Sutlej The Peninsular Rivers – The Narmada, The Tapti, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes - Wular, Pulicat, Sambar, Chilika Climate Annual rainfall in India, Monsoon wind direction On Outline political map of France. Bordeaux, Nantes, Paris and Marseille Outline Political Map of World. Major countries of Second World War Axis: Powers – Germany, Italy, Japan Allied Powers - UK, France, Former USSR, USA

Holidays Homerwork

Class-ALB

Subject. English

1. Collect pretures of the poets whose poems are ess youu Textbook- Beehive. Paste the protunes es you homework notebooks and write Their short biographies alongside the pictures, in your good handwriting..

2. Solve Question Paper of Half Yearly Exam (Englich) in your separate file papers Do all questions.

3. Write two diary entruês-one for the first day of Autrony Break and the other for the last day of your autums break (en your notebortes)

SESSION: 2024-25

SOCIAL SCIENCE

Holiday homework class 9th

1. Write any scientific innovative idea to help society.

2. Solve all the numericals based on textbook questions of chapter motion and force and law of motion.

3. Draw all the diagrams related to chapter fundamental unit of life and tissues.

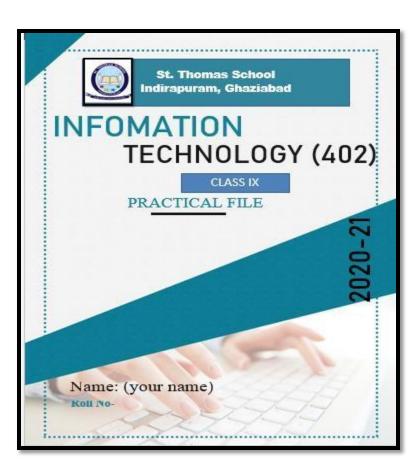
4. A brief writeup of any topic of chapter natural resources for internal assessment.

Information Technology Holiday Homework

Class IX

PRACTICAL FILE

1. Designing the front page inMs Word (Do not Copy)



- 2. Table of Contents
- 3. Practical

TABLE OF CONTENTS

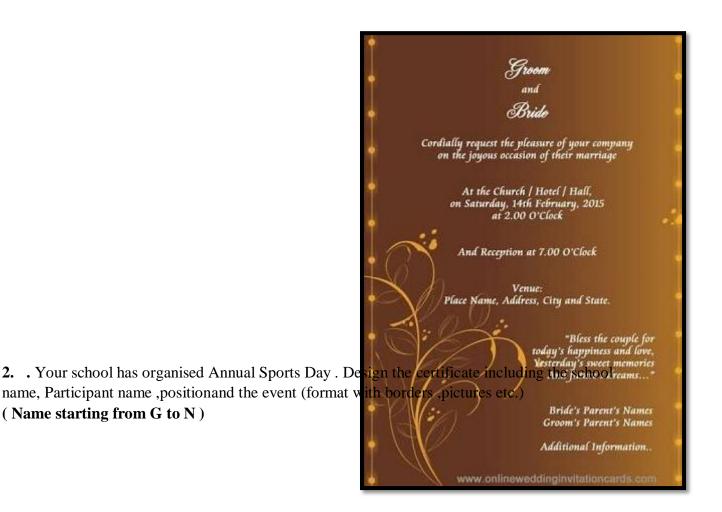
S. No	Practical	Page No
	Ms Word	
1	Card/Certificate/Poster Designing	
2	Implementing Mail Merge	

PRACTICAL -1

DESIGNING A CARD/CERTIFICATE/POSTER

Students, you all are supposed to design a CARD/CERTIFICATE/POSTER on the topic given belowin Ms Word according to the first letter of your name. (Sample picture is given)

 Wedding Invitation Card (include the new norms that are applied after the lock down like not more than 50 guests, wear a mask, social distancing etc.) (Name starting from A to F)







3. Poster to aware the people against the crueltydone to innocent animals.(Name starting from Oto Z)

Instructions-

- **1.** Design it and take the printout. F Practical file (same as your Science practical me.)
- 2. On the right hand side of the file, first write the question and then design the given table.

Formatting Feature Used	Tab	Group
For eg. Highlighted the heading	Home	Font

PRACTICAL -2

Implementing Mail Merge

Design an invitation letter to be sent to parents for orientationprogram of class IX to be held on 2-July-2024 at 9:00 a.m.

Create a recipient list/data source of 10 parents and merge thefields in the letter.

Take the printout of :

a. Recipient list/data source.

b. Letter with insert merge field.

Paste the printout of left hand side and steps in brief in righthand side.

Note-Students, please download Libreoffice from the link

https://www.libreoffice.org/download/download/

(Version to be downloaded also depends upon the configuration of Your PC.(34 bit or 64 bit))

Class X

Learn and complete all chapters completed till date.

Read chapter Money and credit

Make mind maps of chapter - Nationalism in Europe, Nationalism in India, Sectors of Indian Economy, Money and credit, Federalism, Political parties, Mineral and energy resources and Manufacturing industries

solve cbse sample paper that is shared in your class group.

Map skills:

Nationalism in India I. Congress sessions:

1920 Calcutta

1920 Nagpur

1927 Madras session

II. 3 Satyagraha movements:

Kheda

Champaran

Ahmedabad mill workers

III. Jallianwala Bagh

IV. Dandi March

Major Soil Types

Water Resources Bhakra Nangal, Tehri, Rana Pratap Sagar, Sardar Sarovar, Hirakund, Nagarjun Sagar, Tuhgabhadra

Agriculture:

Major areas of Rice and Wheat, Largest/Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute

Minerals and Energy

Resources

a. Iron Ore mines

Mayurbhanj, Durg, Bailadila, Bellary, Kudremukh

b. Coal Mines

Raniganj, Bokaro, Talcher, Neyveli

c. Oil Fields

Digboi, Naharkatia, Mumbai High, Bassien, Kalol, Ankaleshwar

Locate and label: Power Plants

a. Thermal- Namrup, Singrauli, Ramagundam

b. Nuclear-Narora, Kakrapara, Tarapur, Kalpakkam

Manufacturing Industries I. Manufacturing Industries

Cotton textile Industries: a. Mumbai, b. Indore, c. Surat, d. Kanpur, e.

Coimbatore

Iron and Steel Plants: a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e.

Vijayanagar, f. Salem

Software technology Parks: a. Noida, b. Gandhinagar, c. Mumbai, d. Pune,

e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram

Lifelines of National Economy

a. Major Sea Ports

Kandla, Mumbai, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Visakhapatnam, Paradip, Haldia

b. International Airports

Amritsar (Raja Sansi-Sri Guru Ram Dasjee)

Delhi (Indira Gandhi)

Mumbai (Chhatrapati Shivaji)

Chennai (Meenam Bakkam)

Kolkata (Netaji Subhash Chandra Bose)

Hyderabad (Rajiv Gandhi)

Class X

- 1)Solve any five sample papers
- 2)Solve all the repeated questions from NCERT books
- 3)Solve the question papers of pt1 and half yearly

Holiday homework

class 10th

- 1. Write any scientific innovative idea to help society.
- 2. Solve all the numericals based on textbook questions of chapter light and electricity.
- 3. Draw all the diagrams related to chapter life processes, control and coordination, reproduction.
- 4. A brief writeup of any topic of chapter Management of natural resources for internal assessment.

Class XI

Subject - English

Dear Students

- Do the following work in Autumn Break: -
- The Project will include the following sections:
- a)Acknowledgement
- b)Certificate
- c)Content :
- I)Introduction of what they are going to write about
- ii)Procedure
- iii)Output of the project : a story/ a report/ an interview/ a letter/
- autobiography/travelogue/poetry/article etc.----- PASTE RELEVANT PICTURES
- iv)Conclusion
- v)Bibliography
- WORD LIMIT : 800-1000 words.
- Material : FILe

TOPIC: MOTHER'S DAY

- 1.What is the genre of the piece?
- 2.Write a few words about the writer.
- 3.What moral issue does the story raise?
- 4. Mention the theme of the story?
- 5.Write in your own words the summary of the story/play.

6. Who are the characters in the story? Mention them.

7.Write about the character you played in dramatization with dialogues.

8. Give a pictorial representation of the play.

9.Draw/Paste the picture of the Pearson family. Draw a character sketch of Mrs Annie

Pearson in a few lines.

10. "Mother is just like the air we breathe in". explain with reference to the lesson. Paste

some pictures associated with the mother.

1. Listening - From the following links, listen to the audios using head phones, solve the Listening Test, take printout and paste in your notebook

https://engexam.info/ielts-listening-practice-tests-printable/ielts-listening-practice-test-1/

https://engexam.info/ielts-listening-practice-tests-printable/ielts-listening-practice-test-2/

2. Speaking- Prepare 2 minutes speaking on the following Cue cards for speaking assessment to be conducted after autumn break

Group	Cue Card
1	Talk about a time you received good news.
	You should say:
	When it happened
	How you got the news
	What the news was about and explain why the news was special.
2	Describe an outdoor activity you took part in.
	You should say:
	What activity it was
	Where you did it
	When you did it and explain whether you liked it or not.
3	Talk about a situation when you had to wait.
	You should say:
	What you waited for
	Why you had to wait
	What you did while waiting and explain how you felt after waiting.
4	Talk about a person you want to work with.
	You should say:
	Who the person is
	How you know them
	What they do and explain why you want to work with them
5	Describe a time you received money from a family member.
	You should say:
	When you received it
	Why you received it
	What you did with the money and explain how you felt after receiving it.
6	Describe something healthy you enjoy doing.
	You should say:
	What you do

	Where you do it
	Who you do it with and explain why it is healthy.
7	Describe a place you want to visit for a short period.
	You should say:
	Where the place is
	Who you will go with
	Why you want to go and explain why you want to go for a short period.
8	Describe an interesting person you met recently.
	You should say:
	Who they are
	How you met them
	What they do and explain why you think this person is interesting.

3. Do the revision of following topics from the KVS Study material shared with you in the wtsapp group: -The Portrait of a Lady

- -We're not afraid to die if we can all be together
- -Discovering Tut: the Saga Continues
- -A Photograph
- -The Laburnum Top
- -The Voice of the Rain
- -The Summer of the Beautiful White Horse
- -The Address
- -Mother's Day
- -Poster
- -Advertisement
- -Debate
- -Note Making
- -Reading Comprehension