

D.A.V. PUBLIC SCHOOL
PUSHPANJALI ENLCAVE
CLASS IX

HOLIDAYS HOMEWORK(2020-21)

ENGLISH

Hello Students

You are finally beginning your Summer Break.

So let's make the most out of this break and try and utilise it to the best, learning new things and revising what we have already done.

Following are the tasks ,you need to undertake as your Holidays Homework for English.

1. Complete the following pages from your workbook

Words and Expressions 1

Unit 1

Pg 2- 7

Pg 9- 13 (before listening task to be done)

Unit 2

Pg 22 -28

Pg 30 (Grammar) - Pg 32

Unit 3

Pg 38 - Pg 48 (to be done till before the Listening task)

Unit 4

Pg 55- Pg 63 (to be done till before the Listening task)

Do these pages in the **book itself, if you have it.**

Else you can **download the entire book** from the NCERT and **take print outs of the required pages and do it.**

If that too cannot be done, then **please complete the work on loose sheets mentioning the page numbers, you don't need to copy the reading passages** but for **other questions, copy the questions too and attempt the answers.**

2.Project on COViD 19 (Individual Activity)

Prepare an **Online Poster** for creating awareness and mentioning precautions to be taken to stop the spread of the deadly COVID 19 virus.

App suggested for the same are Canva, MS Paint, Adobe Photoshop, Google Slide / MS PowerPoint (PDF FORMAT)

3. As per the new guidelines by the CBSE, all are required to prepare **Art Integrated Projects under the Ek Bharat Shreshth Bharat Programme**. In this, your state of Delhi is paired with Sikkim.

In view of this, the following **magazine project** has to be prepared by the **students in a group of 5 (divided roll no wise 1-5 , 6-10 and so on)**.

Prepare a ***magazine*** on Sikkim under the following headings on ***A4*** size sheets only:-

1. Cover Page (Add a catchy title to your Magazine)
2. Content Page
3. Introduction - Location / Physical
4. Features/Climate / Population
5. People of Sikkim - dress/ occupation
6. Food of Sikkim - crops grown/ what they cook and eat
7. Art Forms - Will include the Art, Dance and Music forms, support with own drawings of the Art Forms if you can, else paste pictures
8. Eminent Personalities of Sikkim
9. Festivals/ Fairs
10. Tourism in Sikkim - Places you can visit, how you'll reach (air/ rail/ road)

10 Pages in total for each Magazine.

The work should be divided among group members rationally.

One person will also compile the project digitally, i.e collect the images (proper resolutions) from other members and prepare a PDF of the project ,which should be mailed to the concerned teacher.

Preserve the hard copy of the magazine, to be compiled whenever the school re-opens formally, not virtually.

4. A PPT on *Truly Beautiful Minds of India* (Individual Activity)

Prepare a PPT of 10-15 slides on ***TWO*** true geniuses of India. You can choose the genius from the following list:-

1. APJ ABDUL KALAM (Compulsorily to be included)
2. Srinivasa Ramanujam
3. Vikram Sarabhai
4. C.V Raman
5. Keepu Tsering Lepcha
6. Homi J. Bhabha
7. Asima Chatterjee
8. Anna Mani

9.Janaki Ammal

10.Satyendra Nath Bose.

You can choose any one as the Second Genius from S.No. 2-10

5. Also , revise all the chapters done so far for tests, which will be conducted online/ offline depending on the situation after the vacations.

STAY HOME, STAY SAFE!!

HINDI

विषय-हिंदी

कक्षा - नवीं

- 'दुःख का अधिकार' एवं 'तुम कब जाओगे:अतिथि' पाठ में से वाक्य के आठों भेदों के अंतर्गत प्रत्येक भेद के दो-दो वाक्य ढूँढकर A4 शीट पर लिखिए।
- 'रैदास' अथवा 'रहीम के दोहों' में से किसी एक पाठ का प्रवाह संचित्र (Flow Chart) A4 शीट पर बनाइए।
- सिक्किम राज्य की संस्कृति के अंतर्गत वहाँ की भाषा, खान-पान, वेश-भूषा, मुख्य कृषि उत्पाद एवं प्रचलित मुख्य धर्म आदि विषयों में से किन्हीं चार विषयों पर आधारित जानकारी एकत्रित कीजिए और उस जानकारी को दो A4 शीट्स पर चित्र सहित प्रस्तुत कीजिए।
- ग्रीष्मावकाश से पहले तक करवाए गए समस्त कार्य को प्रथम सत्र की परीक्षा हेतु कंठस्थ(याद) कीजिए।

SANSKRIT

कक्षा नवमी अवकाश कार्य

*पाठ- स्वर्णकाक : लोभ के नकारात्मक और त्याग के

सकारात्मक वाक्य बनाकर व्यंग्य चित्र(cartoon) के

माध्यम से चित्रित करें।(for portfolio)

*गादोहनम् (गौ का चित्र बनाकर या एक चित्र गौ के साथ

लेकर उसकी उपयोगिता पर 10 वाक्य लिखो।(for portfolio)

* कल्पतरू : अगर आप जीमूतवाहन होते तो क्या माँगते 7

वाक्य लिखो, कल्पतरू का चित्र भी बनाओ।(for portfolio)

* पढ़ाए गए पाठों का सम्पूर्ण व्याकरण करे।

* कोरोना की रोकथाम पर पाँच वाक्य लिखकर चित्र बनाए।

गतिविधि को हाथ में लेकर अपना चित्र खींचें।(for portfolio)

* पाँचो लकारों के 9 - 9 वाक्य बनाए। वाक्यों में कारक

चिह्नों का प्रयोग करे। (for portfolio)

* कक्षा में कराई गई व्याकरण पढ़े।

* Website पर भेजी गए कार्यपत्र अवश्य करे।

MATHS

1. Revise chapters:

- 1) Number system
- 2) Polynomials
- 3) Co-ordinate Geometry

2. Do assignments uploaded on Microsoft Teams on Mathematics channel

3. For a portfolio activity draw mind-map of any two chapters on A-4 sheet

4. Art Integrated Project(EK BHARAT SHRESTHA BHARAT)

- ☐ In this project, you have to prepare a comparative analysis(with suitable graph) of Delhi and Sikkim on following topics:

- 1) Population.
- 2) Number of people above and below the poverty line as per the Govt. of India.
- 3) Literacy rate.
- 4) No of educational institutes.
- 5) Annual income through Tourism, Industry, Agriculture.

5. Project on COVID-19

- ☐ For this project select any five states of India and prepare a comparative analysis (with suitable graph) of those states for the month of April and May.


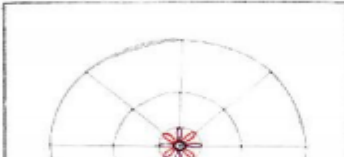
- 1) Number of COVID-19 positive patients.
- 2) Number of patients fully recovered
- 3) Number of deaths due to COVID-19

6. Art integration activity

- ☐ For this activity students will prepare a design using mathematical shapes on A-4 sheet.
- ☐ One example has been shared on the next page for reference. You are requested to prepare a similar design.
- ☐ **The same design given for reference will not be accepted.**

ART INTEGRATION

CLASS IX

TOPIC	CIRCLES
SUBJECT AND ART INTEGRATED	MATHEMATICS, MANDALA ART
OBJECTIVES	Students will be able to: 1) To make the standard symbols 2) To apply and understand the theorems of circles.
MATERIAL REQUIRED	Geometry Box, Colours, A-4 sheet , Marker Pens, OHP Markers.
METHODOLOGY	<ol style="list-style-type: none">1) The teacher will introduce and explain the meaning of mandala art i.e, mandala is a Sanskrit word meaning “circle” and represents the universe. The pattern within the mandala is usually balanced and harmonized symbolizing how we are all connected and part of the wider universe Mandalas are great tools for meditation and increasing self-awareness.2) Start with circles and its properties.3) Find the midpoint of A-4 size sheet and draw 3 concentric circles to make mandala art.4) Then, divide the circles into 8 parts or any number of parts .so that in a symmetrical way mandala is formed.5) Then by using basic shapes like petals, lines, dots and circles triangles etc. students can draw their own mandala art. <div></div>

LEARNING OUTCOMES	Student will be able to <ol style="list-style-type: none">1) Understand and explain the mathematical concepts involved in circles.2) Recognition of various regular and irregular shapes around us.3) How other shapes may be used in combination with different shapes to create new designs.
SELF EVALUATION AND FOLLOW UP	<ol style="list-style-type: none">1) Self-assessment.2) Peer assessment.

SCIENCE

PHYSICS

- 1) Do NCERT Intext and back questions of Chapter- Motion in your fair notebook.
- 2) Do assignments uploaded in **MS TEAMS** in Physics of chapter - Motion (**Assignment - 1 and one marker based assignment**) is compulsory for all, to be done in your fair notebook but the **Assignment – 2 (Intellectual)** is optional (for practice only).
- 3) Prepare the Chapter – Motion for the Unit Test.
- 4) Do a **PORTFOLIO ACTIVITY** in which you have to make distance- time graph on one A4 size sheet (all four cases) and velocity - time graph (all five cases) on another A4 size sheet with the help of waste material like match sticks, wool, thread etc.
- 5) As per the CBSE directive, under **EK BHARAT SHRESHTHA BHARAT PROGRAMME** (a trans-disciplinary approach and art integration towards acquainting the students with their nation and its

states), STATE of Delhi has been tied with Sikkim for the project takes up the idea of learning in tandem with all the disciplines in order to attain a holistic approach.

So based on it the students are supposed to make a **3-D poster** showing that the vehicles moves in tangential direction while taking a turns on the hilly roads of the Sikkim. Also, compare the type of motion governed by the vehicles on the roads of Sikkim with that of Delhi on an A4 size sheet. (**HINT:** Uniform circular motion)

(IMPORTANT NOTE) The work assigned in points (1, 2, 3 and 4) is compulsory for all. But the work assigned under **EK BHARAT SHRESHTHA BHARAT PROGRAMME (i.e., point 5)** is to be done by the first one-third roll numbers of the class, rest of the roll numbers will refer the biology and chemistry holiday homework. So, for your convenience roll number wise distribution is given here:

<u>CLASS- SECTION</u>	<u>PHYSICS</u>	<u>BIOLOGY</u>	<u>CHEMISTRY</u>
9A	1-11	12-22	23-32
9B	1-18	19-36	37-54
9C	1-18	19-36	37-53
9D	1-17	18-34	35-49
9E	1-16	17-32	33-48
9F	1-16	17-32	33-48

CHEMISTRY

1. Learn and write all NCERT (intext and exercise questions and answer) of ch-1 matter in our surrounding and ch-2 is matter around us pure? In your fair copy. Learn and Read the content from ncert book.
2. PRACTICAL LIST: LAB WORK:

1) Preparation of:

- a) A true solution of common salt, sugar and alum
- b) A suspension of soil, chalk powder and fine sand in water
- c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability

2) Preparation of:

- a) A mixture
 - b) A compound
- using iron filings and sulphur powder and distinguishing between these on the basis of:
- (i) Appearance, i.e., homogeneity and heterogeneity
 - (ii) Behaviour towards a magnet
 - (iii) Behaviour towards carbon disulphide as a solvent
 - (iv) Effect of heat

3) Separation of the components of a mixture of sand, common salt and ammonium chloride (or camphor).

4) Perform the following reactions and classify them as physical or chemical changes:

- a) Iron with copper sulphate solution in water
- b) Burning of magnesium ribbon in air
- c) Zinc with dilute sulphuric acid
- d) Heating of copper sulphate crystals
- e) Sodium sulphate with barium chloride in the form of their solutions in water

- 5) Determination of the melting point of ice and the boiling point of water.
- 6) Verification of the law of conservation of mass in a chemical reaction.

YOU HAVE TO DO ALL THESE PRACTICALS IN YOUR PRACTICAL FILE. The practicals will give you in separate pdf file.

3. DRAW THE MIND MAP OF CH-1 MATTER IN OUR SURROUNDING AND CH-2 IS MATTER AROUND US PURE IN YOUR FAIR COPY.

4. PORTFOLIO WORK

1. Prepare the collage /pictorial representation/ flow Chart on the following topic (any one).
 - a. States of matter
 - b. To differentiate between elements and compounds.
 - c. Flow chart of separation of air.
 - d. Diagram of different separating techniques.
 - e. Pictorial difference between physical and chemical change.

You have to prepare any one from the above topic with the help of waste material.

5. Complete your notes and fair copy within the holidays.
6. Students have to do **ART INTEGRATED PROJECT** under **EK BHARAT SHRESTHA BHARAT CONCEPT**, defined under the latest syllabus of ART INTEGRATED LEARNING BY THE CBSE.

As it is a part of the subject-enrichment activity/internal assessment

The integration of your state Delhi has to be done with state of Sikkim under this project. You have to prepare slideshow/PowerPoint presentation of the underlisted topics in relation to the state of Delhi and Sikkim. Use all the topics to make the comparative study of Sikkim and Delhi.

Topic 1- Important mineral resources of Sikkim and Delhi

Topic 2- Agriculture practices (organic and inorganic farming)

Topic 3- Analysis of Indigenous soil and water conservation measures

Topic 4- Eco-efficient approaches to land management in Sikkim and Delhi

CLASS/SECTION	ROLL NUMBER
IX-A	23-32
IX-B	37-54
IX-C	37-53
IX-D	35-49
IX-E	33-48
IX-F	33-48

BIOLOGY

1. Complete the art integration work from the chapters covered.

a. Chapter 5- The fundamental unit of life.

Students will make a plant cell **OR** an animal cell structure with the help of wool/cotton/waste-cloth/newspaper or any other material available at their home on A4 size sheet.

b. Chapter 6- Tissues

Students will make neat and well labelled diagrams of following tissues on A4 size sheet and keep it safely for their portfolio in a folder

- Location of meristematic tissue in the plant body.
- Various types of simple tissues (Parenchyma, collenchyma ,sclerenchyma)
- Guard cells and epidermal cells .
- Types of complex tissue(tracheids ,vessel ,xylem parenchyma,section of phloem).

NOTE: Keep them safely for the portfolio in a folder.

2. Complete the assignment and textbook questions of these chapters.

3. Learn the notes and revise the chapters mentioned above.

4. Complete the practical file work provided in a separate PDF file.The PDF file containing practicals is uploaded on the MS team as well as school website.

EK BHARAT SHRESHTHA BHARAT PROGRAMME

(A trans-disciplinary approach towards acquainting the students with their nation and its states)

TITLE: A comparative study of DELHI and SIKKIM based on various parameters using a trans-disciplinary approach and Art Integration

Objective: Art-Integration is a cross-curricular pedagogical approach that utilizes various aspects and forms of art and culture as the basis for experiencing the learning of concepts across subjects. The project will explore the state of Sikkim using parameters like carbon footprint, waste disposal, diversity , environment and so on and so forth viz-a-viz the national capital Delhi. The project will be a fine example for the students in research and experiential learning.

Format:Role play by making a small video depicting the topic *OR* a short report on A4 size sheet showing your creativity.

Evaluation: The project will be used for Internal Assessment.

TOPIC ALLOCATION:

CLASS .	ROLL NUMBER AND THEME
IX - A	IX - A (12 TO 17):Climatic change and its impact on biodiversity in both the states.
	IX-A(18 TO 22):Agriculture and Crop Production: types of crops, staple

	crops, types of farming etc in both the states.
IX-B	<p>IX-B (19 TO 24):Social Infrastructure: Waste disposal system of Sikkim as compared to Delhi.</p> <p>IX-B(25 TO 30):Pollution :Comparative study of Carbon footprint of both of the States.</p> <p>IX-B(31 TO 36):Endangered flora and fauna of both the states.</p>
IX-C	<p>IX-C(19 TO 24):Morphological and adaptive features of indigenous tribes of Sikkim and Delhiites.</p> <p>IX -C (25 TO 30):Climatic change and its impact on biodiversity in both the states.</p> <p>IX-C (31 TO 36):Agriculture and Crop Production: types of crops, staple crop, types of farming etc in two states</p>
IX-D	<p>IX-D (18 TO 23) :Social Infrastructure: Waste disposal system of Sikkim as compared to Delhi.</p> <p>IX-D(24 TO 29):Pollution :Comparative study of Carbon footprint of both of the States.</p> <p>IX-D (30 TO 34) : Endangered flora and fauna of both the states.</p>
IX-E	<p>IX-E (17 TO 21)::Agriculture and Crop Production: types of crops, staple crop, types of farming etc in two states.</p> <p>IX-E (22 TO 26):Morphological and adaptive features of indigenous tribes of Sikkim and Delhiites.</p> <p>IX E (27 TO 32):Climatic change and its impact on biodiversity in both the states.</p>
IX-F	<p>IX-F(17 TO 21):Endangered flora and fauna of both the states</p> <p>IX-F(22 TO 26) :Social Infrastructure: Waste disposal system of Sikkim as compared to Delhi.</p> <p>IX-F(27 TO 32):Pollution :Comparative study of Carbon footprint of both of the States.</p>

INSTRUCTIONS FOR THE STUDENTS:

1. The project will be carried out in a group of 5 OR 6 students. Two groups may have been allotted the same topic. Students of a particular group can choose any medium (role play or report making).
2. The groups have been divided based on the roll numbers and will not be changed.
3. The project will be evaluated based on the collective as well as the individual contribution.
4. The students have the liberty of selecting the medium of this activity i.e. it can be a video depicting the topics through role play or a file made using sheets.
5. Each group will select a team leader on their own.
6. In case of video, each member will be filming his / her video individually at their homes. So at the end you'll have 5 or 6 videos in a group. Team leader of the group will then club these videos into ONE single video and mail it to the concerned teacher mentioning the topic of the project, names of all the team members and class-section.
7. In case of a file, each member will be making only one sheet. Team leader of the group will then club these sheets into ONE single file (soft copy) and mail it to the concerned teacher mentioning the topic of the project, names of all the team members and class-section.
8. Be polite in your dealings with each other.
9. The students should cooperate with the team mates and there should be a fair division of work.

So put your thinking caps on !

NOTE : Above mentioned roll numbers of each section will be doing THIS PROJECT WORK on the above mentioned topics of biology part. Rest of the students are supposed to refer to chemistry/ physics topics (allocated by respective subject teachers) for the same project.

STAY SAFE. STAY HEALTHY. KEEP LEARNING.

SOCIAL SCIENCE

Please read the instructions given below carefully

- SST holidays homework will be evaluated jointly by SST teachers and your Arts teacher, Chitra mam, as it is a joint inter disciplinary art activity.
- You may ask any queries if related to art work from Chitra mam
- Complete the Question/Answers of Civics Ch-3 Electoral Politics in your Civics notebook.
- Complete all the previous assignments and revise the notes /questions and answers of all the chapters done till date.

➤ Please read the instructions related to your summer holidays homework given below:

MARKS ALLOCATION-

HISTORY-10 MARKS

CIVICS-10 MARKS

ECONOMICS-10 MARKS

GEOGRAPHY-10 MARKS

HISTORY- PUPPET MAKING

- ❖ All the students will draw in their History notebooks-
“Reading Political Symbols”(chapter-1 page 12-13)
AND
MAKE ONE PUPPET on any one political symbol of your choice

CIVICS-CALLIGRAPHY (ONLY FOR CLASS IX-A)

- ❖ On A4 size sheet write the following(Civics page 51)
 - ❖ PREAMBLE (ROLL NO 1-10)
 - ❖ SOVEREIGN (ROLL NO 11-15)
 - ❖ SECULAR (ROLL NO-16-20)
 - ❖ DEMOCRATIC (ROLL NO-21-25)
 - ❖ REPUBLIC (ROLL NO 26 TO LAST ROLL NO.)
- ❖ Students will be judged for-
 1. Calligraphy
 2. Border Design
- ❖ Prepare an Election Process between Delhi and Sikkim

CIVICS – CALLIGRAPHY (FORCLASS IX B- IX F)

- ❖ On A4 size sheet write the following (Civics page 51)
 - PREAMBLE (ROLL NO 1-10)
 - SOVEREIGN (ROLL NO 11-20)
 - SECULAR (ROLL NO 21-30)
 - DEMOCRATIC (ROLL NO 31-40)
 - REPUBLIC (ROLL NO 41 to last roll no)
- ❖ Students will be judged for-
 1. Calligraphy
 2. Border Design
- ❖ Prepare an Election Process between Delhi and Sikkim

ECONOMICS- SCULPTURE MAKING

- ❖ Make a sculpture on ANY ONE representing Village Palampur-
 - Farmer/Farm Labourer
 - Bullock cart/Tonga/Truck
 - Cattle/Cow
 - Water/Pump/Well
 - Axe/Plough or Plow

GEOGRAPHY

❖ Project on Disaster Management (Compulsory)

- Make File/News Magazine/Calendar on Disaster Management.
- To create awareness in the students about different disaster, their Consequences and management.

❖ EK BHARAT SHRESHTH BHARAT

- It is a programme which is promoting India's unity and diversity across the country.

TRAVEL BROCHURE

Make Travel Brochure showing socio-cultural and political relationship between Delhi And Sikkim covering following topics-

- Cover Page
- Geographical information- Temperature, Rainfall, Months to visit
- Places to visit in both the states
- Mode of Transport to travel(Both the topics will be discussed on MS TEAMS by respective teachers)

❖ Also complete all your Assignment/Map File and learn the chapter.

INFORMATION TECHNOLOGY

Q1.Assignment 1 and 2 are already uploaded on website. Do it in your Notebook

Q2.Do Assignment 3 and 4 in your Notebook

ASSIGNMENT 3

Q1.What is Keyboard? How many types of keys are there in a keyboard.Name them.

Q2.What is Mouse? Name the actions performed by mouse

Q3.What do you mean by a File? What are the 2 things associated with File.

Q4.Define the following:-

- a) Hardware
- b) Software
- c) BIOS

Note: At your home Explore

- **Hardware parts and software**
- **Keys present in keyboard**
- **Operating system you are using in your laptop/computer.**
- **Memory space present in your laptop/computer-Internal and External**
- **How ICT is being used at your home**
- **Ports available in your laptop/computer**

- **New applications and Technology**

ASSIGNMENT 4

Q1.What is Internet.Write any three common uses of Internet.

Q2.What all you need to get connected to Internet.

Q3.What are the two types of Connection available?

Q4.Define the following:

- a) Internet browser
- b) World wide web
- c) Web page
- d) Bandwidth
- e) Attachment

Q5.What do you mean by Email? What is email address made of? Explain.

Q6.Difference between Carbon copy and Blind Carbon copy?

Q7.What are the different folders needed to manage your email.

Note: At your home Explore

- **Internet connection being used at your home(Type)**
- **How Google account is created**
- **How to compose, send , reply, and forward an email**
- **How Blind carbon copy and Carbon copy works**
- **How do you attach a file in email**
- **How to create folders and files**
- **All buttons and windows available in email**

AI (ARTIFICIAL INTELLIGENCE) (Those who have opted in class 9)

NOTE- Students need to do Holiday Homework in Register or sheet. Students need to upload their work in our online platform “Teams” ARTIFICIAL INTELLIGENCE CHANNEL (Assignment section). In every sheet name of student and class must be written while uploading.

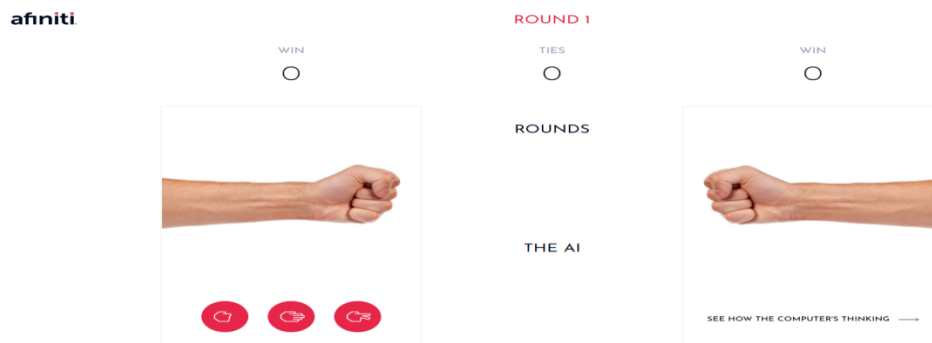
Activity 1-Let us play Rock, Paper, Scissors game on a computer based on **Data** and try to understand how we can play against a computer.

Step 1 – Open the link <https://www.afiniti.com/corporate/rock-paper-scissors>



Step 2 – Click on play the game

Step 3 – Click on the shapes which you want to choose and play against the system. The result will be shown after every move.

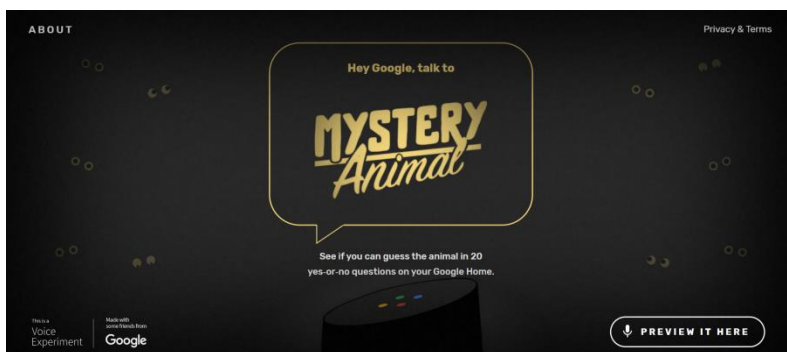


Write three things you learnt from this game(ROCK PAPER SCISSOR) (in 100 words).

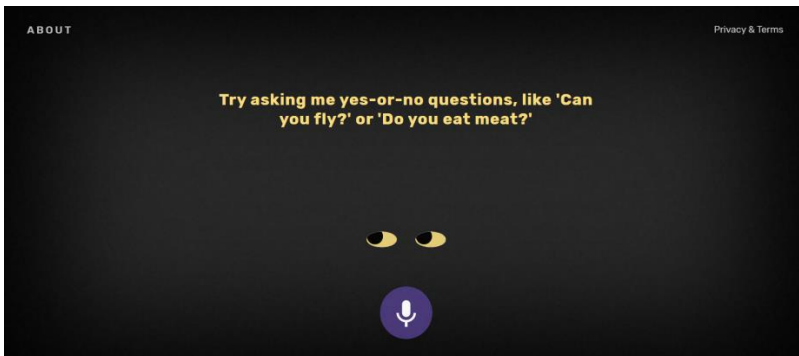
ACTIVITY 2

Let us play the game of Mystery Animal based on **Natural Language Processing(NLP)**.

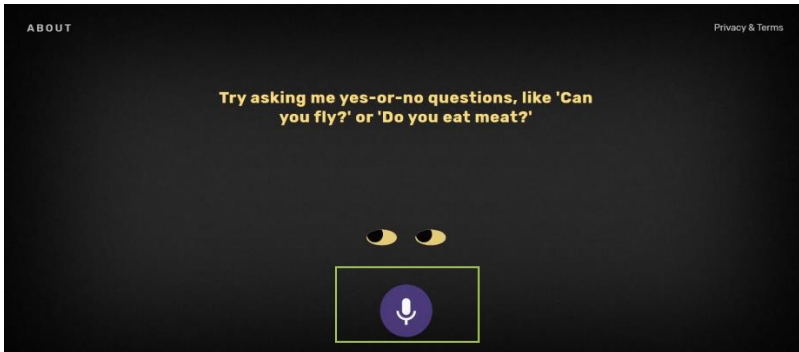
Step 1 – Open the following link (suggested google chrome) - <https://mysteryanimal.withgoogle.com/>



Step 2 – Click on “PREVIEW IT HERE” and start playing game



Step 3 – Click on microphone button and start asking a question which has needs to be answered in YES or NO.

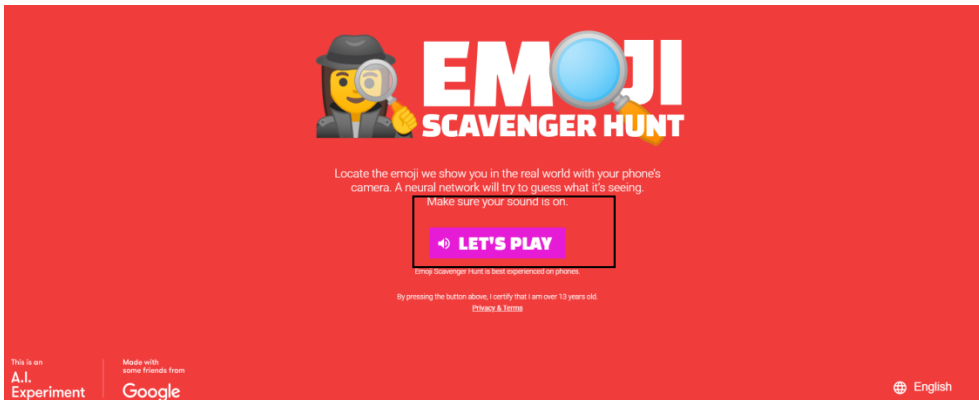


Write three things you learnt from this game(Mystery Animal) ?(in 100 words).

ACTIVITY 3

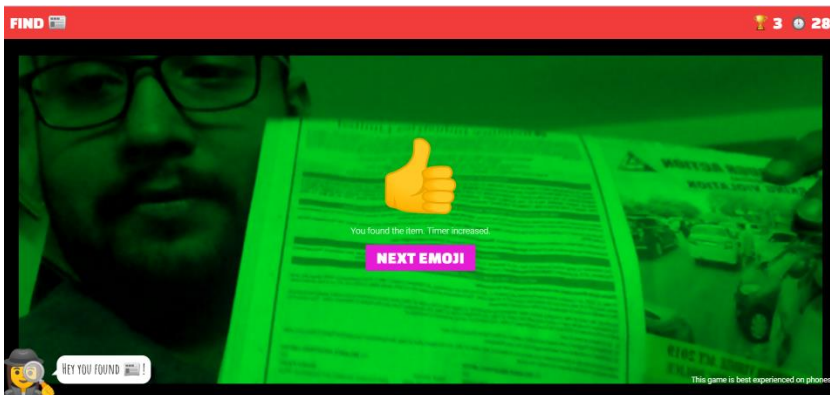
Let us play the game of Emoji Scavenger hunt based on **computer Vision**.

Step 1 – Open the following link <https://emojiscavengerhunt.withgoogle.com/>



Step – 2 Click on LET’S PLAY, Allow the and microphone and then start playing as per the instructions coming on the screen.

Step 3 – Show the image on camera so that it can detect the image and match it with the objects asked in the find.The FIND box displays the icon of the image which you have to search.



Did you face any difficulty while playing this game? How did you overcome this?(in 100 words).

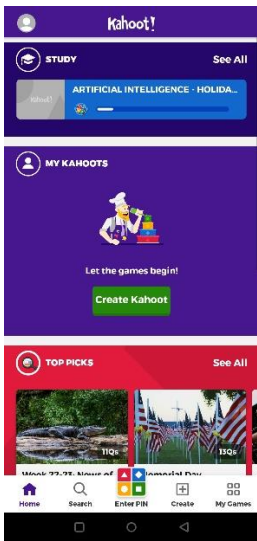
ACTIVITY 4 –

Write a Diary, keeping the following points in mind.(minimum 150 word)

1. Mention what you have learned about Artificial Intelligence.
2. Mention the skills you would like to learn and acquire for availing future jobs.
3. Mention the AI integration in multiple career options that shall require technical skills in future jobs.

ACTIVITY 5 –

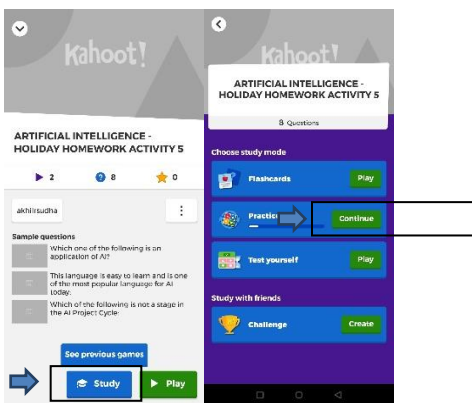
Install the “Kahoot” Mobile app in your parents mobile Phone.



Step- 2 Click on the link

<https://create.kahoot.it/share/78e7d6e1-94f6-4d36-afef-0207e15c51db>

Step 3 – Click on Study, then Practice



Now play the Quiz and test your knowledge.

A viva will be taken based on the quiz after school opens.

ACTIVITY 6 – Smart Home

See this you tube video <https://www.youtube.com/watch?v=1CajaUoI3vU>

Share your ideas about Smart Home and write them down then in minimum 200 words.

Activity 7 –

This world is the home for life of people, plants and animals. The materials and resources that the planet provides helps us to sustain life. In order to build a better world for everyone it is important that we take care to conserve, preserve and protect our Shelter and the life of those in this world. The Member States of the United Nations have agreed to achieve 17 Sustainable Development Goals (SDGs) by 2030.

Take a look at these pictures and answer :



1. Do you think that you are also responsible in making this world a better place or are you satisfied with the things happening around you?(minimum 200 words.)

2. What thoughts and actions of yours will help to make the world a better place?(minimum 200 words.)

“Always remember you cannot innovate something good until you have good heart. ”

ACTIVITY 8- AI for Good Ethics

See the Video: <https://www.youtube.com/watch?v=vgUWKXVvO9Q>

Now, answer these questions:

1.What have you understood from the video?(100 words)

2.What are your learnings from it ?(100 words)

“AI doesn't have to be evil to destroy humanity – if AI has a goal andhumanity just happens in the way, it will destroy humanity as a matter of course without even thinking about it, no hard feelings.” – Elon Musk, Technology Entrepreneur, and Investor.