ASIAN INTERNATIONAL SCHOOL
SUMMER HOLIDAY HOMEWORK
CLASS XI HUMANITIES
SESSION :2023-2024

SUBJECT	TASK ASSIGNED	21ST CENTURY SKILL
ENGLISH	**PROJECT-** 1. Students need to gather old fond pleasant memories of their childhood and paste relevant pictures which reminds them of their good old days. 2. They need to prepare a write up along with the pictures to pen down their thoughts and emotions. 3. Guidelines to be followed - ● The work must be done in channel file using A4 paper. ● Relevant pictures to be used to enhance the beautification of the project. ● Students must use only black or blue pen. The chronology to be used while making the project is as follows: 1)Title Page 2) Acknowledgement 3) Table of Contents 4) Introduction of the Topic 5) Aims and Objectives 6) Body of the project (along with pictures) 7) Conclusion 8) Bibliography. (Do not summarize, do not cross 100 words	● Cognitive skills ● Creative and critical thinking skills ● Creative skills
HISTORY	Project work on **MESOPOTAMIAN CIVILIZATION** Instructions (Project content should be covered within 25 to 30 pages including cover sheet, acknowledgement, Content, Bibliography) Omit using Colours like – Red, pink, orange Colours which could be used – Blue, Brown, Green, Violet, Black Project should be done in Practical Sheets and tied in a lace file (Provided by the school). Students can use primary sources available in city archives, Primary sources can also include - News Paper cuttings, Photographs, Film footage and Recorded written /speeches. Secondary sources may also be used after proper authentication. (Project should contain relevant information as guided above with pictures) GUIDELINES	● Cognitive skills ● Creative and critical thinking skills ● Creative skills ● Writing and analytical skills

	Cover Page –School Name, Student Name Class- Section Space for Board Roll No Acknowledgement Certificate Content **MARKS DIVISION FOR HISTORY PROJECT** 1.Introduction ,Statement of Purpose/Need and objectives of the Study, Hypothesis/Research Questions, Review of literature, Presentation of Evidence, Methodology, Questionnaire, Data : 6 Marks 2.Significance and relevance of the topic, Challenges encountered while conducting the research:5 Marks 3.Content Analysis and its relevance in the current scenario. Conclusion,Limitation ,Bibliography, Annexures and Overall Presentation: 5Marks 4.External/Internal Viva based on the project: 4 Marks Total : 20 Marks	
ECONOMICS	PROJECT TOPIC: **1.CONSTRUCT THE PPC (PRODUCTION POSSIBILITY CURVE)BY TAKING TWO GOODS,NAMELY WHEAT AND TOMATO. (BY TAKING 100 THOUSANDS TONNES OF WHEAT OR 50 THOUSAND TONNES OF TOMATOES CAN BE PRODUCED)** **2. FIND THE OPPORTUNITY COST TO PRODUCE TOMATO .(TAKE VARIOUS COMBINATIONS OF THOSE TWO ,WITH THE MENTIONED MAXIMUM LIMITS)** **3.STATE DIFFERENT FEATURES OF PPC.** **4. IS IT POSSIBLE TO SHIFT THE PPC? EXPLAIN THE CONDITIONS OF SHIFTING ,IN CASE OF DIFFERENT GOVERNMENT POLICIES.** **5.INSTEAD OF WHEAT IS IT POSSIBLE TO TAKE " TELEVISION " AS ONE ITEM ?EXPLAIN IT.** **GENERAL INSTRUCTIONS FOR THE STUDENTS:** ➢ Students should complete the project within 20-25 pages. ➢ First four pages of the project (cover page, certificate, acknowledgement & content) should be inserted in the project in printed form. ➢ The body of the project should be hand written only. ➢ Photographs, diagrams, charts, tables, graphs can be drawn as well as can be pasted. ➢ Hardcopy of the project need to be submitted within channel file after reopening the school. ➢ Each & every page should be containing margin in all sides.no decoration is needed for this project. ➢ Always use right hand side page for writing & left one can be used for pasting or drawing the	● Analytical Skills ● Problem solving skills ● quantitative reasoning ● Spatial and measuremen t skills

	diagrams, graphs, pictures, charts, flow charts & tables etc. ➢ **PROJECT FILE FORMAT :** 1. Cover Page 2. Certificate 3. Declaration 4. Acknowledgement 5. Index 6. Objective of the project 7. Materials required 8. Method of construction 9. Demonstration 10. Observation 11. Applications 12. Bibliography REFERENCES: HERE YOU CAN WRITE THE BOOKS NAMES FROM WHERE YOU HAVE GATHERED INFORMATIONS AS WELL AS YOU CAN ADD WEBSITES/LINKS ALSO	
POLITICAL SCIENCE	Do research work on any one of the following topics given below: 1) Executive 2)Legislature 3) Judiciary 4)The Making of the Indian Constitution 5) Elections in India **INSTRUCTIONS** ✓ (Project content should be covered within 20-25 pages including cover sheet, acknowledgement, Content, Bibliography) ✓ Omit using colours like – Red, pink, orange ✓ Colours which could be used – Blue, Brown, Green, Violet, Black ✓ The project has to be handwritten. ✓ Relevant Information along with pictures should be there. ✓ Project should be done in Practical Sheets and tied in a Lace file (Provided by the school) ✓ Students can use primary sources available in the City Archives. {Primary sources can also include - News Paper cuttings, Photographs, Film footage and Recorded Speech.} {Secondary sources may also be used after proper authentication.}	● Cognitive skills ● Creative and critical thinking skills ● Creative skills ● Writing and analytical skills

	GUIDELINES The project should be done in the following chronology Cover Page –School Name, Student Name, Class Space for writing Board Roll Number Acknowledgement Certificate Content 1. Introduction {This will include definitions and explanations associated with the topic/area of research. Various possible dimensions of the topic/area of research should be incorporated} 2. Statement of Purpose/Need and objectives of the Study {The reason for the choice of the subject and its social significance.} 3. Hypothesis /Research Question 4.Review of Literature 5. Presentation of Evidence 6. Methodology 7.Questionnaire 8. Data Analysis/Statistical Analysis/Map Work 9.Significance and relevance of the topic 10.Challenges encountered while conducting the research. 11.Content Analysis and its relevance in the current scenario. 12.Conclusion 13.Limitations 14.Bibliography {This should include the references to relevant books and other sources used for the study.} 15. Annexures and Overall Presentation. {The appendix will include questionnaires, list of interviews, documents or any other material used} PROJECT-10 MARKS VIVA VOCE – 10 MARKS TOTAL 20 MARKS	
GEOGRAPHY	TOPICS:- INTRODUACTION TO MAPS MAP SCALE GUIDELINES:- ✓Practical work should be done in long file with interleaf pages and hard-bound file cover. ✓Omit using Colours like–Red, pink, orange ✓Colours which could be used – Blue, Brown, Green, Violet, Black ✓The work has to be a handwritten project. The project should be done in the following chronology: ✓Cover Page –Name, Class, Section,Roll ✓Acknowledgement ✓Content ✓ The following topics with relevant information provided in the PDF	● Cognitive skills ● Creative and critical thinking skills ● Creative skills ● Writing and analytical skills

PSYCHOLOGY	**General Problem: On Attention** **SpecificProblem**: To determine the span of attention of digits in the subject. **Basic Concept** Span of attention is defined as the amount of concentrated time on a task without being distracted. **Miller's theory of span of attention.** According to Miller, our span of attention varies between the limits of 7 ± 2 i.e., between 5 to 9, These are also called the "Magical numbers". What this implies is that at any given point in time, an individual can attend to a	• Cognitive skills • Creative and critical thinking skills • Creative skills • Writing and analytical skills

set of 5-7 numbers/characters, which can be extended to 9 or more in exceptional cases.

The concept of chunking

Chunking in psychology is a phenomenon whereby a group of familiar stimuli is stored as a single unit. It is a phenomenon where individuals group responses while performing a memory task. Presumably, individuals that exhibit the "chunking" process in their responses are forming clusters of responses based on the items perceptual features. The chunks are meaningful to the participant. Assimilation of different items according to their properties occurs due to individuals creating higher order cognitive representations of the items on the list that are more easily remembered as a group than as individual items, themselves.

Hypothesis: The subject's span of attention would be 7 ± 2.

Independent Variable: The two lists consisting of series of numbers.

Dependent Variable:
Number of digits recalled by
the subject.

Design of the experiment: Prepare the two series of numbers which you wish to use,
Make sure the number in the series are in a random order. Now, call the subject and recite series. I, make sure you are reciting it in an audible and clear tone. Ask the subject to repeat the series in the same order. As you proceed further, the number of digits would increase too. If the subject makes a mistake anywhere, immediately go onto the next series and recite that.

Preliminaries:

Name:
Age:
Sex:
Condition: Normal

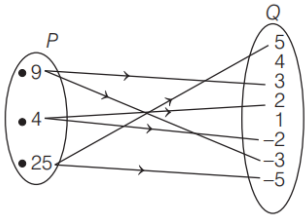
Procedure:

Rapport formation: The subject was called to the

room and was asked to settle down comfortably.
Subject was asked to remain calm. All the

	apprehensions were settled and doubts were cleared. **Instructions**: "Please be seated comfortably. You have to perform a simple task. I will begin by reading a series of numbers and following me you will repeat the digits in the same order. Listen carefully as I will not be able to repeat the series. When I say start, I will begin reading the digits. If you have any questions, ask now before we start." **Precautions**: 1. When creating the series of numbers, make sure there are no repetitions in the first 8 and in the other 4 repetitions should be placed far apart. 2. Do not repeat the series. 3. Speak in clear and rhythmic tone. 4. Whenever your subject makes a mistake, mark the mistake and note down what he/ she said. 5. Make sure the instructions are clear. **Conduction**: The subject was called inside the room and seated comfortably. Preliminaries were taken and instructions were read out. The first set starting from 3 digits was read out and the recall was recorded till the subject made a mistake . On moving to the next level the subject again made a mistake **Introspective report**: "I found the experiment very interesting and easy. However, in the beginning I was excited and nervous at the same time that I will make a mistake somewhere." **Behavioural report:** My subject was a little nervous beginning. But since it was a simple task, he became calm and performed it without any difficulty. I explained the entire procedure once and he interpreted the instructions correctly. **Analysis and Interpretation of Results:** The subject when read out the digits in series made a mistake in line __ by replacing __ with __ and when read out the digits in series __ made a mistake in line __ by replacing __ with __. The performance was better in trial __ and due to some reason not as good as trial _ in trial __. Thus, it is visible that in spite of conducting trial series earlier, there was(yes/no) improvement in attention span of the subject. **Conclusion**: Hypothesis is proved true/False, the subject's attention span is (between/less than /above) 7 ±2.	
MATHEMATICS	**ASSERTION-REASON BASED QUESTIONS(QI – QV)** **In the following questions, a statement of assertion (A) is followed by a statement of reason (R).** **Choose the correct answer out of the following choices.** **(a) Both A and R are true and R is the correct explanation of A.** **(b) Both A and R are true but R is not the correct explanation of A.** **(c) A is true but R is false.**	● -Logical thinking skills. ● -Complex problem-solving skills ● -Cognitive skills

	(d) A is false but R is true. 1. Assertion (A): The domain of the relation $R = \{(x + 2, x + 4) : x \in N, x < 8\}$ is $\{3, 4, 5, 6, 7, 8, 9\}$. Reason (R): The range of the relation $R = \{(x + 2, x + 4): x \in N, x < 8\}$ is $\{1, 2, 3, 4, 5, 6, 7\}$. 2. Assertion (A): The domain of the real function f defined by $f(x) = \sqrt{x-1}$ is $R - \{1\}$. Reason (R): The range of the function defined by $f(x) = \sqrt{x-1}$ is $[0, \infty)$. 3. Assertion (A): Let $A = \{1, 2, 3\}$ and $B = \{1, 2, 3, 4\}$. Then, *A is a subset of B* . Reason (R): If every element of X is also an element of Y, then X is a subset of Y 4. Assertion (A): The range of the function $f(x) = 2 - 3x$, $x \in R$, $x > 0$ is R. Reason (R): The range of the function $f(x) = x^2 + 2$ is $[2, \infty)$ 5. Assertion (A): Set of English alphabets is the universal set for the set of vowels in English alphabets. Reason (R): The set of vowels is the subset of set of consonants in the English alphabets. CASE STUDY 1: In a company, 100 employees offered to do a work. In out of them, 10 employees offered ground floor only, 15 employees offered first floor only, 10 employees offered second floor only, 30 employees offered second floor and ground floor to work, 25 employees offered first and second floor, 15 employees offered ground and first floor, 60 employees offered second floor. Based on the above information answer the following questions. Find (i)The number of employees who offered all three floors. (ii) The number of employees who offered ground floor. (iii) The number of employees who offered first floor. (iv) The number of employees who offered ground and first floor but not second floor. (v) The number of employees who did not offer any of the above three floors. CASE STUDY 2: **Representation of a Relation** A relation can be represented algebraically by roster form or by set-builder form and visually it can be represented by an arrow diagram which are given below (i) **Roster form** In this form, we represent the relation by the set of all ordered pairs belongs to R. (ii) **Set-builder form** In this form, we represent the relation R from set A to set B as $r = \{(a, b): a \in A, b \in B$,and the rule which relate the elements of A and $B\}$.	• -Analytical thinking skills.

	(iii) **Arrow diagram** To represent a relation by an arrow diagram, we draw arrows from first element to second element of all ordered pairs belonging to relation R. Based on the above topics, answer the following questions. (i) If expression of $R = \{(a, b): 2a + b = 5, a, b \in W\}$ as the set of ordered pairs (in roster form) . Find R. (ii) Find the relation between sets P and Q given by an arrow diagram in roster form,  (iii) Write the relation given in (ii) in set-builder form. (iv) If $A = \{a, b\}$ and $B = \{2, 3\}$, then find the number of relations from A to B. (v) If $n(A) = 3$ and $B = \{2, 3, 4, 6, 7, 8\}$, then find the number of relations from A to B.	
HINDI	हिंदी परियोजना कार्य प्रकरण(Topic)- भक्तिकाल:हिंदी साहित्य का स्वर्णकाल *भूमिका *भक्तिकाल का उदय *विभाजन *निर्गुण शाखा के संत व सूफी काव्यधारा के प्रमुख कवि *सगुण शाखा के राम व कृष्ण काव्यधारा के प्रमुख कवि *भक्तिकाल की विशेषताएँ *निष्कर्ष नोट-इस कार्य के संबंधित चित्र लगाना अनिवार्य है व कार्य को करते हुए निम्नलिखित क्रमों पर ध्यान दें- 1-प्रमाण पत्र 2. आभार ज्ञापन 3. विषय-सूची 4. विषयवस्तु 5.स्रोत 6.आभार	• Cognitive skills • Creative and critical thinking skills • Creative skills • Writing and analytical skills
SOCIOLOGY	Do research work on any one of the following topics given below: POVERTY LEADS TO CRIME **INSTRUCTIONS** ✓ (Project content should be covered within 20-25 pages including cover sheet, acknowledgement, Content, Bibliography) ✓ Omit using colours like – Red, pink, orange ✓ Colours which could be used – Blue, Brown, Green, Violet, Black ✓ The project has to be handwritten. ✓ Relevant Information along with pictures should be there.	• Cognitive skills • Creative and critical thinking skills • Creative skills

	✓ Project should be done in Practical Sheets and tied in a Lace file (Provided by the school) ✓ Students can use primary sources available in the City Archives. {Primary sources can also include - News Paper cuttings, Photographs, Film footage and Recorded Speech.} {Secondary sources may also be used after proper authentication.} GUIDELINES he project should be done in the following chronology - Cover Page –School Name, Student Name, Class Space for writing Board Roll Number Acknowledgement Certificate Content 1. Introduction {This will include definitions and explanations associated with the topic/area of research. Various possible dimensions of the topic/area of research should be incorporated} 2. Statement of Purpose/Need and objectives of the Study {The reason for the choice of the subject and its social significance.} 3. Hypothesis /Research Question 4.Review of Literature 5. Presentation of Evidence 6. Methodology 7.Questionnaire 8. Data Analysis/Statistical Analysis/Map Work 9.Significance and relevance of the topic 10.Challenges encountered while conducting the research. 11.Content Analysis and its relevance in the current scenario. 12.Conclusion 13.Limitations 14.Bibliography {This should include the references to relevant books and other sources used for the study.} 15. Annexures and Overall Presentation. {The appendix will include questionnaires, list of interviews, documents or any other material used} PROJECT-16 MARKS VIVA VOCE – 4 MARKS TOTAL 20 MARKS	● Writing and analytical skills
PHYSICAL EDUCATION	**PROJECT-** **RECORD FILE: -*** ***Record File shall include:** ❖**Practical-1:** Fitness tests administration. a) SAI Khelo India Fitness Test ❖**Practical-2:** Procedure for Asanas, Benefits & Contraindication for any two Asanas for five lifestyle	● Practical skills ● Technical Expertise. ● Risk Management. ● Critical Thinking and Problem Solving

	disease **(Obesity, Diabetes, Asthma, Hypertension, Back pain).** ❖**Practical-3:** Anyone IOA recognised Sport/Game **(Football, Basketball, Volleyball, Badminton)**of your choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills. **Note: - First five pages should be type and printed (Cover page,** Certificate **of approval, Declaration, acknowledgement and Table of Content) and rest of other pages of the Record file should be written in your own handwriting in a shoelace file.**	
WEB APPLICATION	**PROJECT-** ● Make a web page on HTML ● ●Topic - your school ● ●Guideline - use basic tags of HTML, change background colour, change font colour and insert a picture.	● Analytical Skill Developement
HEALTH CARE	**PROJECT (CHOOSE ANY ONE TOPIC) -** **1. Jaundice** **2. Schizophrenia** **3. Osteoarthritis** **4. COPD (Chronic obstructive pulmonary disorders)** **5. Renal calculi** **6. IBD (Inflammatory bowel diseases)** **7. Polycystic ovarian syndrome** **8. Endometriosis** **9. Angina pectoris** **10. Asthma** **GENERAL INSTRUCTIONS FOR THE STUDENTS:** ➢ STUDENTS SHOULD COMPLETE THE PROJECT WITHIN 20-25 PAGES. ➢ FIRST FOUR PAGES OF THE PROJECT (COVER PAGE, CERTIFICATE, ACKNOWLEDGEMENT & CONTENT) SHOULD BE INSERTED IN THE PROJECT IN PRINTED	● Excellent written communicatio n skills. ● Logical thinking skills. ● Motor skills. ● Initiating skills ● Creativity skills

FORM.

- THE BODY OF THE PROJECT SHOULD BE HAND WRITTEN ONLY.
- PHOTOGRAPHS, DIAGRAMS, CHARTS, TABLES, GRAPHS CAN BE DRAWN AS WELL AS CAN BE PASTED.
- HARDCOPY OF THE PROJECT NEED TO BE SUBMITTED WITHIN CHANNEL FILE AFTER REOPENING THE SCHOOL.
- EACH & EVERY PAGE SHOULD BE CONTAINING MARGIN IN ALL SIDES.NO DECORATION IS NEEDED FOR THIS PROJECT.
- ALWAYS USE RIGHT HAND SIDE PAGE FOR WRITING & LEFT ONE CAN BE USED FOR PASTING OR DRAWING THE DIAGRAMS, GRAPHS, PICTURES, CHARTS, FLOW CHARTS & TABLES ETC.
- **CASE STUDY** INCORPORATION IN THE PROJECT IS MANDATORY FOR EVERY PROJECT TOPIC.

FORMAT FOR THE PROJECT

1. COVER PAGE :
2. CERTIFICATE OF APPROVAL:
3. ACKNOWLEDGEMENT:
5. INDEX/CONTENT:
6. BODY OF PROJECT: THIS MUST VARY FROM TOPIC TO TOPIC.
7. **CASE STUDY**: THIS POINT SHOULD BE WRITTEN WITHIN 3-4 PAGES.TRY TO GIVE REAL DATA/INFORMATION UNDER THIS POINT.
8. REFERENCES: HERE YOU CAN WRITE THE BOOKS NAMES FROM WHERE YOU HAVE GATHERED INFORMATIONS AS WELL AS YOU CAN ADD WEBSITES/LINKS ALSO.

PRACTICAL:

1. Parts of a compound microscope.
2. Specimens/slides/models and identification with reasons - Bacteria, *Oscillatoria, Spirogyra, Rhizopus*, mushroom, yeast,Lichen

ARTIFICIAL INTELLIGENCE	**PROJECT-** 1. Demonstration of the key aspects of becoming active listener 2. Preparing posters of steps for active listening 3. Demonstration and practice of writing sentences and paragraphs on the topics related to the subjects 4. Communication skill 5. Administering self- rating questionnaire and score responses on each of the competencies 6. Collect small story/ anecdote of prominent successful entrepreneurs 7. Entrepreneurship skill	• Excellent verbal and Non verbal communication skill • Technical thinking • Problem solving abilities • New area of innovation
FINANCIAL MARKETS MANAGEMENT	**Project topic – Insurance** Guidelines for doing the project: 1 - Certificate 2 - Acknowledgement 3 - Table of Contents 4 - Introduction 5 - Fundamentals principals of Insurance 6 - Different types of Insurance 7 - Auto insurance 8 - Health insurance 9 - Life insurance 10 - Other types of Insurance 11 - Advantages of insurance 12 - Disadvantages of insurance 13 - Insurance companies in India 14 - Future perspectives 15 - Government initiatives 16 - Conclusion 17 - Bibliography	• Cognitive skills • Creative and critical thinking skills • Creative skills Writing and analytical skills

N.B: Details of the Projects have been uploaded on ERP as well as shared on the official class What'app group.