

Maharaja Agrasen Model School

Class - XI (Session 2023-24)

Homework for Summer Vacation

Regarding the submission of Internal Grades for Class XI and XII

- For the purpose of fostering competencies in learners, the curriculum encompasses seven major learning areas, which are: Languages, Humanities, Mathematics, Sciences, Skill Subjects, General Studies and Health and Physical Education. These areas are broadly divided into electives and compulsory areas.

(i) Health and Physical Education focuses on holistic development, both mental and physical, understanding the importance of physical fitness, health, well-being and the factors that contribute to them. Learners value and engage in practices that promote physical, cognitive, emotional and social development and well-being. This enables learners to connect different areas of knowledge, application and values with their own lives and the world around them.

(ii) General Studies: The purpose of orienting students to General Studies is to develop in them an appreciation for the holistic nature of knowledge.

- As per the guidelines issued by CBSE, it is mandatory for all the schools to submit internal grades to class XI and XII students in these areas.

- For assessment in these areas, students are supposed to submit a project on any one of the following topics given below.

1. The number of women in the police force seems insufficient, thereby, highlighting the

need of having more women in the police force.

2. In many parts of our country girls are still discouraged from going to school. Consequently, a sizeable section of the population is deprived of education schemes like Sarva Shiksha Abhiyan, CBSE scholarship for the girl child.

3. Advertisements have become a big business. They are promoted by celebrities drawn from various fields like films, sports, etc., leaving their influence on all people especially the young.

4. Present-day youth is greatly stressed due to cut-throat competition and consumerist

culture which requires a suitable solution.

5. Save blue to save green

6. Impact of Meditation and Yoga

- Submission of the project can be in the form of PowerPoint or using adobe spark or any other online mode. Class 11 Holiday Homework, 2023-24

English

1. Make posters on the following topics
 - a. Green Delhi, Clean Delhi (notebook)
 - b. Goals of G-20 (notebook)
 - c. Unparalleled Beauty of Andaman and Nicobar Islands on (A4 sheet with colours)
2. Write articles on the following topics and paste the relevant newspaper cuttings (any two)
 1. Joys and Sorrows of Living in a Big City
 2. Pros and Cons of Peer Pressure
 3. Impact of Recession on the Indian Economy
3. Draft a resume for offering your candidature for your favourite post in School Council giving all the necessary details.
4. Revise all the topics completed in the class

Mathematics

- Assignment-1(sequence and series)
Assignment-2(Sequence and series)
Mathematics Activities 1 to 5

Physics

1. Complete the Practical file record (with all 15 expts. and 6 activities) in support of the material shared.
2. Create a mind map poster (using Adobe spark like platforms) on Motion in straight Line and vectors.
3. Do assignment and NCERT Exercises on Chapters
 - a) Motion in a straight line (Kinematics I).
 - b) Motion in 2D and 3D (Kinematics II – Vectors).

CHEMISTRY

1. Completion of assignments and all NCERT exercise questions of the following chapters:
 - a. Some basic concepts of chemistry
 - b. Structure of atom
2. Completion of Art Integrated Project

THEME: Demonstrate various concepts of Chemistry using different art tools of Lakshadweep, Andaman and Nicobar Islands

Make a PPT for the project:

● Guidelines:

1. The presentation should be of 10-15 slides

i) Slide one – Name of the School, subject, name of the student, class and section.

ii) Slide two- Index (by using Table) iii) Slide three- Introduction of your topic

iv) Slide four to 10 or 15 - Content

Kindly email the ppt at the respective subject teacher's email ID

priyanka.garg@agrasenschool.com

mini.aggarwal@agrasenschool.com

Biology

1. Design an Investigatory project on any one topic related to Biology under the following headings:

- First page- topic,
- submitted to/submitted by Certificate
- Acknowledgement
- Contents
 - Introduction
 - Theory
 - Observation
 - Conclusion
 - Data statistics/analysis
 - Bibliography

2. Art Integration Learning Project Design a Catalogue (using adobe spark, microsoft office etc.) on 'Ornithology of Lakshadweep and Andaman and Nicobar group of Islands. Include photographs of Birds studying their environment, habitat, evolution, and several other aspects of bird life. Write their common name, scientific name and little description about it. (Maximum 10-12 slides). Kindly email the brochure to neha.sanan@agrasenschool.com

3. Complete Biology Practical File for Section A and Section B experiments.

4. Complete Assignment registers for following chapters: Body fluids and Circulation, Breathing and Exchange of gases, Cell-The Unit of Life, Cell cycle and Cell Division.

Computer science

1. Complete the Python Assignment.

2. Create a quiz/game/informational mini project using Python for Art Integration Learning project regarding Tourism/ population / literacy rate / any topic of your choice.

Note : You can use additional resources for making project innovative and interactive.

Informatics Practices

- Complete the given assignment based on control structures in python
- Complete back exercise of ch-3 in notebook.
- Create a small quiz with the help of if statement.

BUSINESS STUDIES

1. Select any 10 Indian companies across various sectors (like banks, insurance companies, automobile, pharmaceutical, consumer goods, etc.). Give information about their punchline and logo.(Assignment register)

2. Complete the assignments of the chapter:

Forms of business.

3.. Preparation of Project file according to CBSE guidelines.

4. Art Integration Work

Do any 1 of the following-

Prepare poster on A4 size sheet on any of the following

(a) Main industries of Andaman and Nicobar Islands or Lakshwadeep.

(b) Business and agriculture of Andaman and Nicobar Islands or Lakshwadeep.

5. Prepare a crossword or collage A4 sheet depicting the agenda and activity areas covered under G20

Accountancy

1. Complete the following assignment-

Accounting equation

2. Complete the following Art integrated project - Design book cover page of accountancy (you can use any app)for the year 2023-24 based on Lakshadweep, Andaman & Nicobar Islands. You can do this work in group (4-5).

Economics

1. Complete the assignment of the Chapter 'Introduction-Microeconomics'

2. As part of the guidelines by the CBSE, all students are required to prepare Art- integrated projects under the “Ek Bharat, Shrestha Bharat Programme.”

For CBSE Art Integrated Learning and Project Work, Academic Session 2023-24, Delhi has been paired with Lakshadweep, Andaman & Nicobar Islands.

Students have to work in a group of 4 to 5.

Collect data on the topic assigned to your group and present it in the form of graphs/diagrams on an A-4 size sheet. The presentation should be done in an artistic and creative manner.

Group 1- Population of Lakshadweep, Andaman & Nicobar Islands

Group 2- GDP of Lakshadweep, Andaman & Nicobar Islands

Group 3- Agricultural output of Lakshadweep, Andaman & Nicobar Islands.

Group 4-Industrial output of Lakshadweep, Andaman & Nicobar Islands

Group 5-Poverty in Lakshadweep, Andaman & Nicobar Islands

Group 6-Tourism in Lakshadweep, Andaman & Nicobar Islands

Group 7- Birth rates in Lakshadweep, Andaman & Nicobar Islands

Group 8- Death rates in Lakshadweep, Andaman & Nicobar Islands

Group 9-Sex ratio in Lakshadweep, Andaman & Nicobar Islands

POLITICAL SCIENCE

Project overview:

The Project work will be implemented for 20 Marks.

Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work.

For class XI the evaluation can be done by the internal examiner.

The project can be individual/pair/group of 4-5 each.

The Project can be made on any of the topics given in the syllabus of a particular class or any contemporary issues.

The project work can culminate in the form of films, albums, songs, storytelling, debate, Role Play, Skit, Presentations, Model, Field Survey, Mock Drills/Mock Event etc.

Art Integration- Prepare a PPT on the political system of Lakshadweep and Andaman and Nicobar group of Islands. It can be made in group of four.

Physical Education

Complete project work

Complete assignment of unit 1 and 2

Psychology

1. Psychology Project.

The students shall be required to undertake one project. The project would involve the use of different methods of enquiry like observation, survey, interview, questionnaire, small studies related to the topics covered in the course (e.g. Human development, Learning, Memory, Motivation, Perception, Attention and

Thinking). Project should focus on cause-and-effect relationships.

2. Watch any Series, Movie, T.V. shows, or plays where a particular psychological concept, disorder has been highlighted and prepares a detailed report.