

# GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION: 2024-2025

CLASS -8 (A,B,C,D,E,F,G)

HOLIDAY HOMEWORK

**Note:** Please clearly mention your Name, Class/Section and Admission Number on the projects.

## SUBJECT – ENGLISH LANGUAGE PROJECT

**INSTRUCTIONS:** Parents are expected to ensure that the students use Friday Afternoon Comprehension and Composition book along with their English Grammar Book and/or the internet to write the project. They should use an inter-leaf assignment copy for the project and should be able to finish the assignment within 6- 8 pages. Paste relevant pictures. The project work must be neatly done involving student's creativity. Do as instructed in the class.

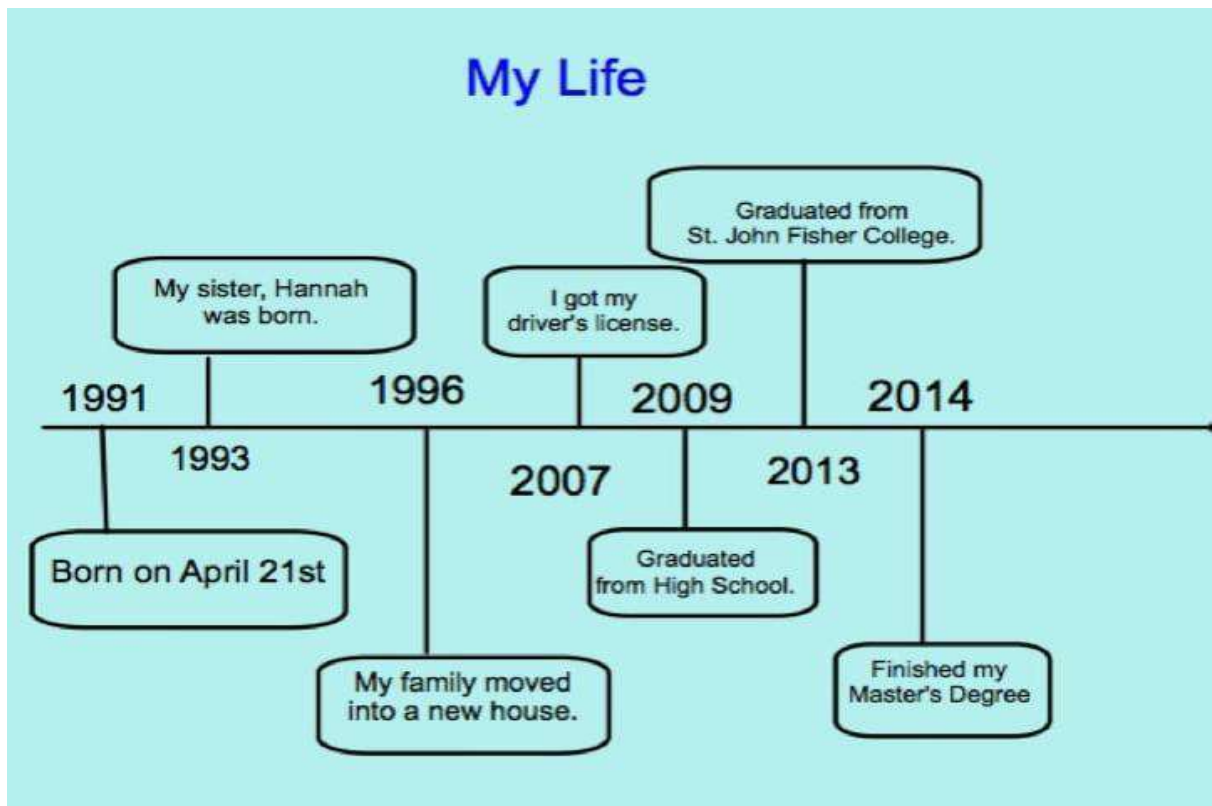
### **Activity1- Time Line Project (Past Tense)**

Students are required to create a **Personal** or **Historical Timeline**, marking significant events in their lives or that of a historical figure.

They will then present their time line using Past Tense to describe each event in two lines.

Students have to choose a minimum of 5 events and paste or draw coloured pictures related to the events on the blank side and label the events neatly . They will also write a short paragraph on the ruled side describing the events they have mentioned in Past Tense.

A sample Timeline is attached below for your reference.



### Activity 2 - What did they say? (Direct Speech)

#### •Friday Afternoon

Refer to the Lessons from the book, Friday Afternoon –The Fraid (Ls 13) and Pip's Story (Ls 21). You may choose any one of the above lessons and create a pair of at least 5 Dialogue Bubbles or Clouds in Direct Speech.

The Dialogue Bubbles or Clouds must be accompanied by the pictures or cut-outs of the characters they are meant for. You may also draw and colour the characters.

### SUBJECT - ENGLISH LITERATURE PROJECT

#### INSTRUCTIONS:

- The students should use an interleaved assignment notebook for writing the project.

**Book** : Sixteen tales from Shakespeare.

**Chapter:** The Merchant of Venice

- i. Write a short note about William Shakespeare.
- ii. Discuss the relationship between Antonio and Bassanio. Illustrate with pictures.

**SUBJECT - हिन्दी परियोजना कार्य**

निर्देश - अभिभावकों से अपेक्षा की जाती है कि वह यह सुनिश्चित करें कि छात्रा दिए गए निर्देशानुसार ही हिन्दी परियोजना कार्य पूर्ण करें। इसके लिए वह हिन्दी की पुस्तक और इंटरनेट का सहारा ले सकती है। यह परियोजना कार्य (project) एक असाइनमेंट पुस्तिका में लगभग 8-10 पेज में किया जाना चाहिए। छात्राओं को विषय से संबंधित चित्र अवश्य लगाना चाहिए।

- 1) आभार
- 2) विषय सूची

क्रम संख्या । पृष्ठ संख्या । विषय वस्तु । दिनांक । हस्ताक्षर।

परियोजना कार्य 01 -

1 - चन्द्रशेखर आज़ाद की जीवनी

- (i) जन्मतिथि
- (ii) उपनाम
- (iii) जन्मस्थल
- (iv) माता-पिता
- (v) प्रमुख संगठन
- (vi) आन्दोलन
- (vii) मृत्यु स्थान
- (viii) चन्द्रशेखर से जुड़ी किसी एक घटना का वर्णन कीजिए।

## परियोजना कार्य 02 -

### 1- प्रदूषण के कारण और निवारण (निबंध)

- . प्रदूषण का अर्थ और परिभाषा
- . प्रदूषण के प्रकार
  - (1) वायु प्रदूषण
  - (2) जल प्रदूषण
  - (3) ध्वनि प्रदूषण
- . प्रदूषण के दुष्परिणाम
- . प्रदूषण के कारण
- . प्रदूषण के निवारण

## SUBJECT- MATHEMATICS PROJECT

**INSTRUCTIONS:** Parents are expected to ensure that the child goes through the content and examples given in the textbook to solve the questions given below. The project can be done in an interleaf copy.

### **TOPIC: VOLUME AND SURFACE AREA**

- 1) What is the net of a 3 Dimensional shape? Cut and paste the net of a cylinder.
- 2) Create a visually striking tessellation art piece using cubes on a rectangular paper (cubic pattern).
- 3) A company produced cylindrical cans of soup with a radius of 7.5 cm and a height of 15 cm. If the soup costs ₹15 per cubic centimeter, what is the total cost of filling one can?
- 4) A cuboid-shaped box is filled with smaller cuboid-shaped blocks. If each block has dimensions 2cm x 3cm x 1cm, how many blocks fit in the box with dimensions 10cm x 5cm x 4cm?
- 5) Write about some of the significant contributions of Archimedes to science and mathematics.

## **SUBJECT - HISTORY PROJECT**

### **TOPIC- THE GREAT UPRISING OF 1857**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer to different History books and/or the internet to write the project. This project should be done approximately in 10 to 15 pages in an assignment copy. Students must paste relevant pictures. The project work must be neatly done involving student's creativity.

1. Write how various British policies (such as the Doctrine of Lapse), economic exploitation and disrespect for Indian culture led to the First War of Independence.
2. Make a timeline of the Indian states that were annexed under the policy of Doctrine of Lapse and explain its role in causing dissatisfaction among the Indian rulers.
3. Explain how the British used the 'Divide and Rule' policy to weaken Indian unity.
4. Make a collage of the eminent leaders of the Revolt of 1857.

## **SUBJECT- GEOGRAPHY PROJECT**

### **TOPIC: NATIONAL PARK AND WILDLIFE SANCTUARY**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer to different Geography books and/or the internet to write the project. This project should be done approximately in 10 to 15 pages in an assignment copy. Students must paste relevant pictures. The project work must be neatly done involving student's creativity.

1. Define National Park and Wildlife Sanctuary.
2. State the difference between National Park and Wildlife Sanctuary.
3. Name a National Park where tigers are preserved. Write about this National Park in brief and paste relevant photographs.
4. What is an endangered species? Make a collage of any 10 endangered species.
5. Write about any ONE endangered species in brief.

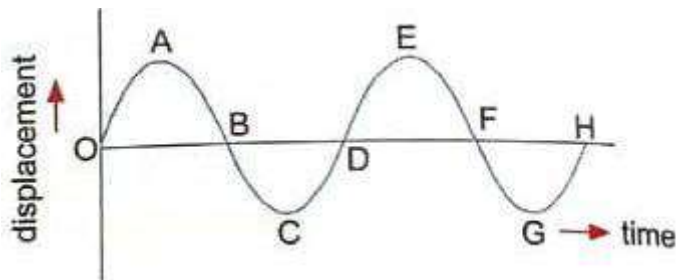
## **SUBJECT-PHYSICS PROJECT**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer to different Physics books and/or the internet to write the project. This project should be done approximately in

10–15 pages in an assignment copy. Students must paste relevant pictures or draw neat labelled diagrams. The project work must be neatly done involving student’s creativity.

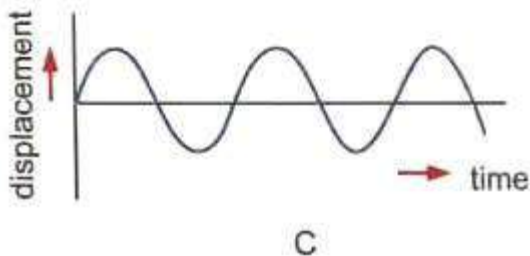
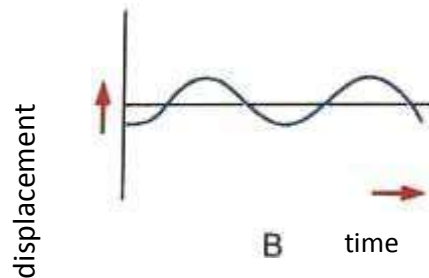
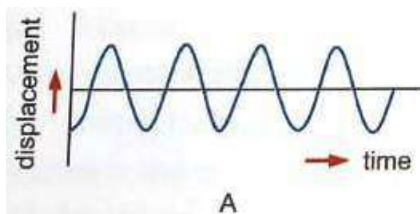
## TOPIC : SOUND

1. Introduction
2. How astronauts communicate with each other in space? Explain briefly.
3. The town building is situated close to John’s house. There is a clock at the top of the town hall building which rings the bell every hour. John has noticed that the sound of clock appears to be much closer at night. Explain.
4. Observe the given graph below and answer the following question.



(a) What do we call the path OABCD? How do you explain this?

5. Answer the following questions on the basis of the graph A, B and C given below.



- (a) Which sound wave has the maximum amplitude?
  - (b) Which sound wave has the lowest frequency?
  - (c) Which of the given sound is the loudest?
  - (d) Which sound has the highest pitch?
6. Ruthvik and Ruha hear a gunshot 2 seconds after it is fired. How far away from the gun they are standing? (Speed of the sound in air is 330 m/sec).
7. Conclusion

### **SUBJECT - CHEMISTRY PROJECT**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer different Chemistry books and/or the internet to write the project. This project should be done in approximately 10 - 15 pages in an assignment copy or file. Students must paste relevant pictures or draw neat and labelled diagrams. The project work must be neatly done involving the student's creativity.

- 1) What do you know about crystallization? Prepare crystals of sugar (or any other substance). Paste the sample in your project file and describe the process followed by you.
- 2) Nowadays water pollution is increasing day by day. What are the plans of the government to clean water bodies? Collect information and describe with the help of suitable pictures.
- 3) Rainwater harvesting is a method to conserve water. What is its need and how is it done? Describe and paste relevant pictures.
- 4) We use water purifiers in our homes. Collect information about the water purifier used in your home. Describe and also write its advantages and disadvantages. Paste related pictures.

### **SUBJECT – BIOLOGY PROJECT**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer to different Biology books and/or the internet to write the project. This project should be done approximately in 10-15 pages in an assignment copy. Students must paste relevant pictures or draw neat, labeled diagrams. The project work must be neatly done involving student's creativity.

#### **TOPIC: GREEN REVOLUTION**

#### **SUB TOPICS:**

Introduction: What is the Green Revolution?

History and development of the Green Revolution.

Green Revolution in India.

Aims of Green Revolution.

Steps which led to Green Revolution.

Advantages and disadvantages of Green Revolution.

Conclusion.

### **SUBJECT – COMPUTER PROJECT**

**INSTRUCTIONS:** Parents are expected to ensure that the students refer to their Computer book and / or the internet to write this project. This project should be done in approximately 8-10 pages in an interleaf assignment copy.

#### **TOPIC: PROGRAM CODING IN BLUEJ**

- Index
- Acknowledgement

#### **PROGRAMS:**

1. Write a program to find the sum and average of three numbers.
2. Write a program to accept two unequal numbers. Display the numbers after swapping their values in the variables without using the third variable.
3. Write a program to input cost price and selling price. Calculate and display profit or loss. If cost price is equal to selling price display “No Profit – No Loss”.
4. Create a program that will generate a bill at McDonald's for four vegetable burgers (@ ₹45 per vegetable burger) and three vegetable McPuffs(@ ₹25 per vegetable McPuff). There is a special Independence Day discount of ₹50 on the final bill amount.

- Conclusion
- Bibliography

**END**