

**REMAL PUBLIC SCHOOL**



**SESSION-2022-23**

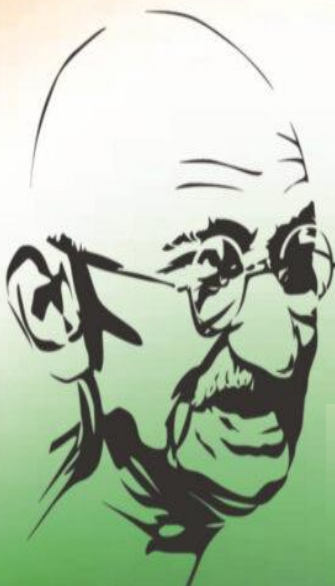
**School Reopening date - 04.07.2022**

**Project submission date - 08-07-2022**

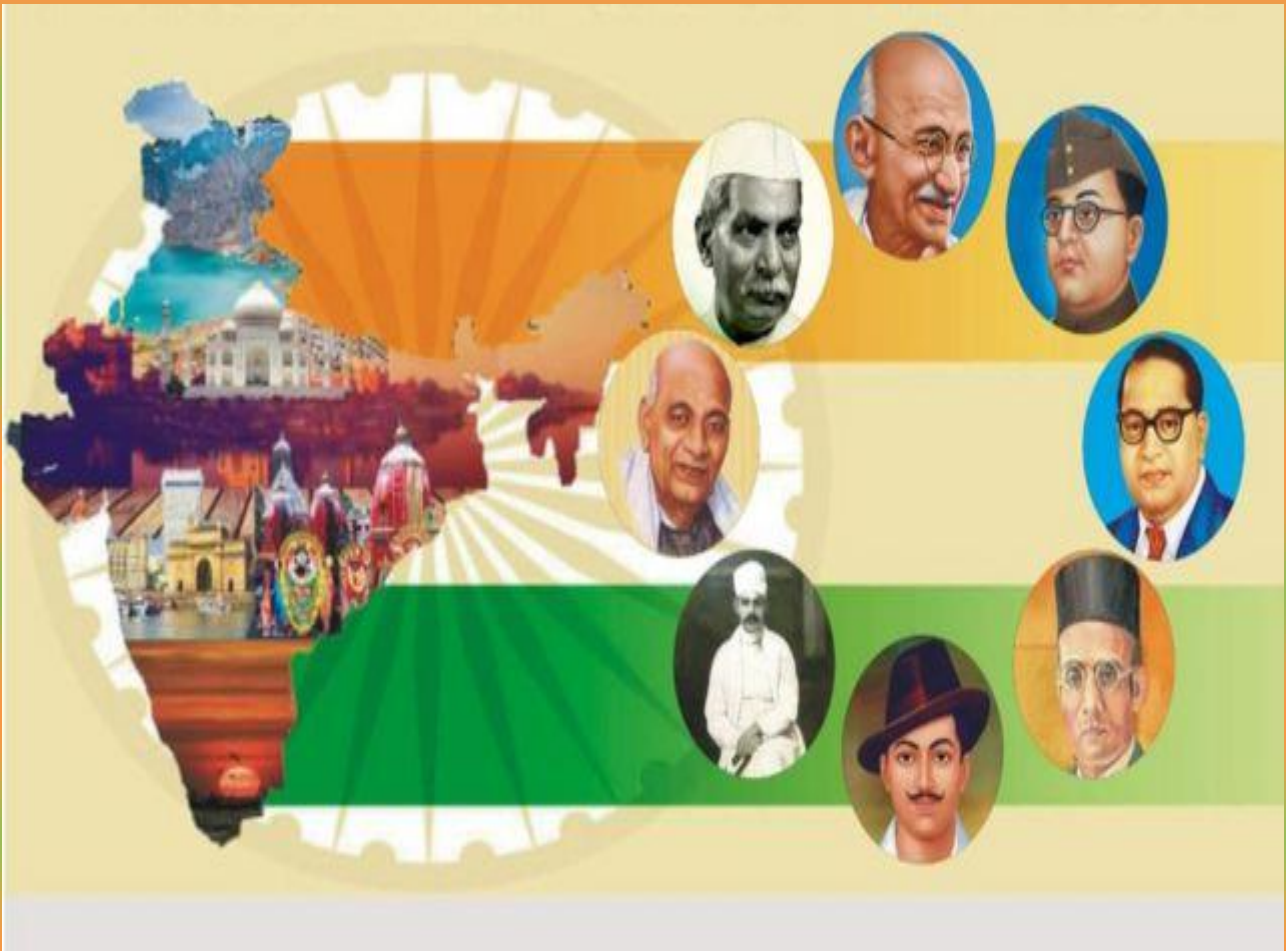
**SUMMER HOLIDAY HOMEWORK**

**THEME:- AZADI KA AMRIT MAHOTSAV**

75  
आज़ादी का  
अमृत महोत्सव



स्वदेश से अनुराग हो,  
सबका सहयोग-साथ हो,  
सब मिलकर आगे बढ़ें,  
एक यही विश्वास हो।



Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of it's people, culture and achievements.

This Mahotsav is dedicated to the people of India who have not only been instrumental in

bringing India thus far in its evolutionary journey but also hold within them the power and

potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Aatamnirbhar Bharat.

The Prime Minister, Shri Narendra Modi inaugurated the 'Azadi Ka Amrit Mahotsav' by flagging off 'Dandi March' from Sabarmati Ashram, Ahmedabad on 12th March, 2021. The celebrations started 75 weeks before our 75th anniversary of Independence and will end on 15<sup>th</sup> August 2023.

**Dear Parents,**

**'Exciting time is here again! It's time for Summer Vacation and fun filled activities'. Children are reservoirs of potential which needs to be tapped and channelized in diverse ways. We at Remal feel that it is very important to fire their imagination and foster an outlook that helps them explore, discover and rediscover. Children should be encouraged to develop intellectually and physically. Summer Vacation is the best and fruitful time for learning and for nurturing creativity. It is the time when you can connect with your child in many ways.**

**The Holidays' Homework designed would not only enhance achievements of your children but also help to enhance family relationships. It would teach your child to work independently and would improve their basic academic skills, such as reading, writing, and spellings and would help them develop personal skills and time management.**

**The homework should be done on A-4 size sheet of the following colours.**

- **EVS/Science - Yellow**
- **Mathematics - Blue**
- **Hindi - Pink**
- **English - Light Purple**
- **Social Science - Green**

**The interdisciplinary project should have:**

- **Creative cover page indicating the name of child and topic**
- **Index**
- **Acknowledgement**
- **Certificate**
- **Project content with photographs or pictures**
- **The source of data**
- **Bibliography showing the source of data.**

**HEY KIDS! HAVE A HAPPY, HAPPENING BREAK!!**



**REMAL PUBLIC SCHOOL**  
**BLOCK A-2, SECTOR-3, ROHINI,**  
**DELHI-110085**

**PORTFOLIO - COVER PAGE**

Name: .....

Class & Sec: .....

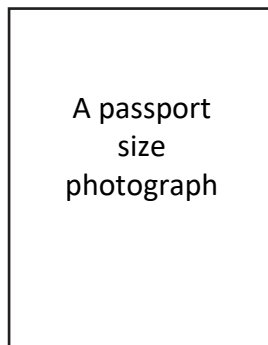
Roll No.: .....

Adm. No.: .....

Session: .....

Name of the Class Teacher:

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# AUTOBIOGRAPHICAL SKETCH

My Goals: \_\_\_\_\_

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My Strengths: \_\_\_\_\_

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My Interests and Hobbies: \_\_\_\_\_

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My Areas of Improvement: \_\_\_\_\_

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**LEARNING BEYOND CLASSROOMS  
SEWA ACTIVITIES/ COMMUNITY SERVICE**

Event/ Activity	Date	Role	Learning Opportunity

How did this program help you to evolve as a better person?

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**HPE ACTIVITIES**

What skills did you acquire through these activities?

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Why are these important for the students?

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# AWARDS/ACHIEVEMENTS

## I. ACADEMIC ACHIEVEMENTS

YEAR	SCHOLAR BADGE	BENCH MARKS	GOOD READER	SCHOLARSHIP

## II. CO-CURRICULAR / CULTURAL ACTIVITIES

Interschool / Interhouse

S. No.	Event	Organizing Institute	Participation Level / Achievement

## III. SPORTS ACTIVITIES

Interschool / Interhouse

S. No.	Event	Organizing Institute	Participation Level / Achievement

## REFLECTION/ SELF ASSESSMENT

Criteria for selecting assignments for the portfolio.

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My best piece of work in the portfolio. (Give a reason)

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Learning opportunities while creating the portfolio.

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WOW moments while creating the portfolio.

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Things I could do to enhance the quality of my portfolio.

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## ASSESSMENT SHEET WITH CRITERIA

<b>S. No.</b>	<b>Assessment Criteria</b>	<b>Self</b>	<b>Peer1</b>	<b>Peer2</b>	<b>Teacher</b>
<b>1.</b>	<b>Content (2 marks)</b>				
<b>2.</b>	<b>Creativity (1 mark)</b>				
<b>3.</b>	<b>Organisation (1 mark)</b>				
<b>4.</b>	<b>Neatness (1 mark)</b>				
<b>5.</b>	<b>Total (5 marks)</b>				

Peer1 Signature: \_\_\_\_\_

Peer1 Name: \_\_\_\_\_

Peer2 Signature: \_\_\_\_\_

Peer2 Name: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

Parent's Name: \_\_\_\_\_

Teacher's Signature: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_



# REMAL PUBLIC SCHOOL

## CLASS XII-A

### HOLIDAY HOMEWORK

2022-2023

#### ENGLISH

Q1. To commemorate 75 glorious years of India's independence Remal Public school is celebrating 'Azadi Ka Amrit Mahotsav' in a grand way on 14 August 2022. Draft a formal invitation in not more than 50 words, to be sent to the parents and guests.

Q2. Remal Public School conducts an Inter-house Quiz Competition on 'India's Freedom struggle'. As a Literary Captain of your school, draft a notice in not more than 50 words, inviting the names of the students who want to participate in it. Give all the necessary details. You are Naval /Navita.

Q3. Read newspaper daily and cut samples of the newspaper reports and paste them into your English Register.

a. Separate any 10 informative news articles on the topics given below.

(Science/technology/education/sports etc)

b. Taking ideas from the articles you have separated and including your own ideas write articles on any **five** topics on A-4 size sheets.

Q4. Write a letter to the Editor of a national daily highlighting the neglect of our national monuments and how these are being damaged in the present-day world. You are Vansh /Vanya of 33, Aman Vihar, Delhi-83.

#### CHEMISTRY

In the 75th year of Independence, celebrating azaadi ka amrit mahotsav, we have come a long way in developing healthcare in our country. Not only better healthcare, but physically and mentally healthy individuals also contribute to the progress of nation. As we move forward with pride, a 'Healthy and Happy India' is what we aim for. Let's be mindful and keep ourselves healthy to contribute to the vision of 'Healthy India 2047'.

##### 1. 'Moody Molecules'

Life is a myriad of emotions and moods. If we look closer, we can sail smoothly through the whirlpools of life by managing our mind and body effectively.

Track your mood of the week for each week during holidays and look up for the chemicals released in the body responsible for the mood.

*(You may refer to the section on hormones in chapter 14)*

Maintain your own creative record (either handwritten or digital) in the following manner:

- Mood of the week:
- Molecule responsible for mood:

(Chemical name and structure-with functional groups)

- Two activities that trigger the production of this chemical in my body:

That's it, now you have a personal tracker to look for activities to manage your mood!

2. Prepare the written theory part of your project work file and draft the proposed methodology.
3. Revise thoroughly the chapters covered in class. Practice all NCERT in-text questions, back exercises and assigned questions based on:

**Chapter 2: Solutions**

**Chapter 3: Electrochemistry**

And attempt the online-quiz on the link assigned weekly, the schedule for quiz will be as follows:

- 1- Chapter 3: Section 3.1-3.3
  - 2- Chapter 3: Section 3.3-3.5
  - 3- Chapter 3: Section 3.6, Chapter 2: Section 2.1-2.4
  - 4- Chapter 2: Section 2.5, 2.6
4. Complete the written record of practical file for experiments performed as per guidelines.

## Mathematics

1. Complete the assignment of Continuity and Differentiability on assignment notebook.

[https://drive.google.com/file/d/1se1Z2\\_KDOSTnuDNoaVcZ5VOUjwwne0l/view?usp=drivesdk](https://drive.google.com/file/d/1se1Z2_KDOSTnuDNoaVcZ5VOUjwwne0l/view?usp=drivesdk)

2. Revise chapter limit and Derivatives and Trigonometry of class 11.
3. Make a project under the celebrations for Azadi Ka Amrit Mahotsav on the topic- 'How to relate differentiation in calculating rate of change of population of India.'

## Physics

1. It is well said by Swami Vivekananda that '*Youths are heroes of tomorrow*'.

We want to know 'Science and technology in India' after 25 years from your lenses. Make an eco-friendly bag. On one side of bag-draw/write/sketch your vision of '**Science and technology in India by 2047**' and on other side, paste one photograph of any renowned Indian scientist and write few lines about what inspires him/her. Also, draw/paste School's logo on top right corner of bag. Grading for this activity will be done under 'work experience' for final exams.

2. In a separate notebook, solve questions from CBSE papers of 2012-2022 based on chapters 1, 2 and 3 (done till date).
3. Prepare a draft of Physics project selected by you for CBSE evaluation in auxiliary notebook.

## **Physical education**

Practical project (File)

Only (PHYSICAL Education Practical)

01. Physical fitness test administration for all items.

A. Pull up's for Boys

Flexed arm hang girls

B. Flexed Leg sit-ups

C. Shuttle Run

D. Standing Broad Jump.

E. 50 yards Dash

F. 600 mtr Run.

Part of A.A.H.P.E.R. Test

02. Procedure for Asanas, Benefits and Contraindication for any Four (4) for each Lifestyle Problem (Disease) Like. Obesity, Diabetes, Asthma, Hypertension, Back pain,

03. Procedure for administering senior citizens fitness test for any (5) Five elderly family members.

04. Any one game of your choice out of the list.

Basketball, Football, Kabaddi ,Kho-Kho , Volleyball ,Handball , Hockey , Cricket , Bocce & Unified Basketball Only for CWSN .

Above labelled diagrams of field and safety equipments rules regulations terminology skills and techniques.

☞ Preparation of Ten Asana and Surya namaskar with pranayama. And practice everyday

Complete the work sheet those are provided on your group.

## **Home science**

1. Develop leaflet/pamphlet for consumer education and protection on following topics:
  - a) Consumer Protection Act (CPA)
  - b) Consumer Responsibilities
  - c) Consumer Organisation
  - d) Consumer Problems
2. Preparation and use of one teaching aid to communicate socially relevant messages for children/adolescents/adults in the community.(Practical 6(a))
3. Preparation of any toy/game for children using locally available and indigenous material. (Practical 6(b))

## **COMPUTER SCIENCE**

The aim of the project is to create something that is tangible and useful using Python file handling/Python-SQL connectivity. This should be done in groups of two to three students. Write a python code of 10 to 20 freedom fighter who play the important role of Azadi. Create a menu using if statement with different option which are available in search.

## **BIOLOGY**

India is celebrating Azadi ka Amrit Mahotsav to pay homage to freedom fighters and showcase the actions, achievements in various fields of life. To contribute little to this mission as a biology students lets us join hands by acquiring critical perspectives on biodiversity and human wellbeing as well as gain the social and emotional competencies that can facilitate biodiversity conservation efforts. Some concepts in focus can be natural capital, inclusive wealth, ecosystem services and dragons of inaction

### **LEARNING OBJECTIVE**

**Learners will be able to**

- 1.reflect on their views and opinions on the importance of biodiversity.
- 2.understand the anthropological causes of biodiversity loss, its risks and impacts of the loss
- 3.introduce various ways in which human well-being is tied to biodiversity.
- 4.understand different ecosystem services provided by biodiversity.

### **LEARNING OUTCOME**

**Learners will be able to**

- 1.to relate with the global issue of biodiversity loss at a personal and emotional level.
- 2.to address the critical gap between awareness and action with regard to the issues of biodiversity through exploration of the 'dragons of inaction'.
- 3.to apply and strengthen social and emotional skills like self-awareness, emotional regulation, critical inquiry, perspective-taking

and compassion in the context of the issue.

### **ACTION TIME**

You may explore: (any 3)

- 1.Importance of biodiversity
- 2.Biodiversity and wellbeing of human.
- 3.Anthropological causes of loss of biodiversity
- 4.Values of biodiversity (contribution of biodiversity to social relations, health, and freedom of choices and actions).

5.Actions of global governance bodies to monitor and preserve biodiversity around the globe: the concept of Biodiversity Hotspots and their importance.

**6.Action to conserve biodiversity** (the barriers for adopting pro-environmental behaviours by individuals or communities to address the problem of biodiversity loss.