

# **REMAL PUBLIC SCHOOL**

## **SESSION-2022-23**



**School Reopening date - 04.07.2022**

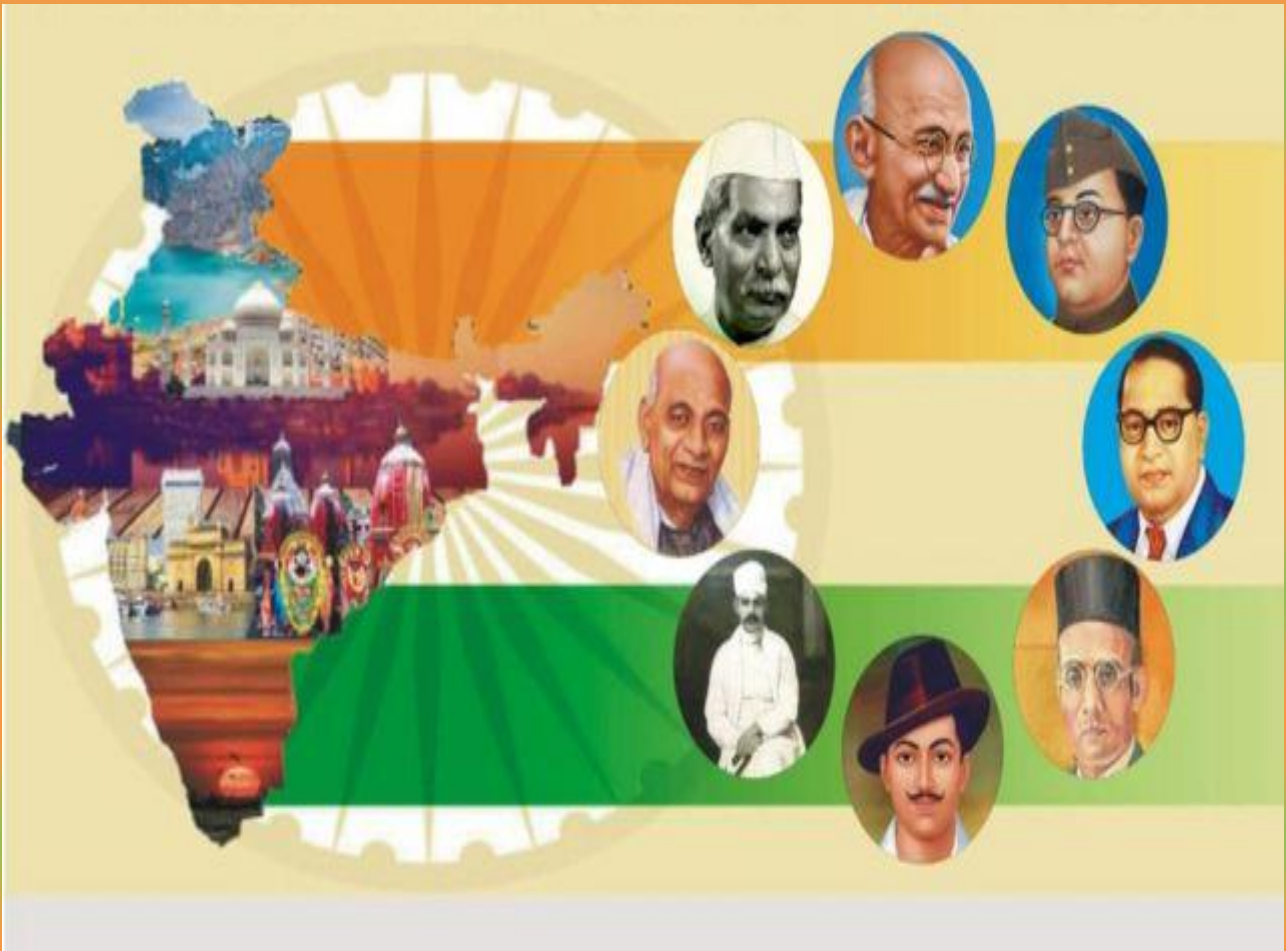
**Project submission date - 08-07-2022**

**SUMMER HOLIDAY HOMEWORK**

**THEME:- AZADI KA AMRIT MAHOTSAV**



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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A passport  
size  
photograph

## AUTOBIOGRAPHICAL SKETCH

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 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

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

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

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

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

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

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

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

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

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

**CLASS X**  
**HOLIDAYS HOMEWORK**

At the very dawn of 76th Independent year, we are extremely elated to head towards the progress of Ministry Of Health and fitness under the aegis of Government of India regarding Health via Microbiology.

In lieu of the same, we found the strong urge to make our students aware of its 360\* version in all subjects by creating a cognizant attitude in our future torchbearers that this entire web of bacteria is substantially responsible for Health maintenance and Anti-aging effects such as aiding Digestion and Absorption at the same time stimulating immunity as well especially during post pandemic phase. So our prime motto is to make our students acquaint towards its multidisciplinary approach of this life- saving weapon.

**ENGLISH**

**Trans disciplinary activity**

Q1. Write a paragraph on 'Importance of Microbiology' (200 words)

Q2. Prepare a PDF on 'Introduction and History of Bacteriology'

**Azadi Ka Amrit Mahotsav**

Q3. Prepare a collage on any five major achievements from 1947 to 2022 to ensure your participation in Azadi ka Amrit Mahotsav.

Q4. Revise the syllabus covered in the class.

**Note: Use light purple sheets.**

**हिंदी**

- 1- **विज्ञापन निर्माण** – स्लोगन तथा हाथ से बने चित्रों की सहायता से दिए गए विषयों में से किसी एक पर विज्ञापन का निर्माण ।

विषय-

- साक्षरता
- विद्युत संरक्षण

- 2- **“आज़ादी का अमृत महोत्सव”** कार्यक्रम के अंतर्गत सन १९४७ तथा सन् २०२२ के मई माह में हुई पाँच-पाँच प्रमुख घटनाओं का वर्णन करें।

**Trans Disciplinary activity for Hindi**

**Use light pink sheets.**

विषय – “प्रोबायोटिक्स युक्त खाद्य पदार्थ और स्त्रोत” दिये विषय पर लगभग 200 शब्दों में चित्रों की सहायता से किन्हीं पाँच खाद्य पदार्थों के गुणों पर लेखन करें।

## **MATHS**

- Q1. “The majority of diseases begin in your digestive tract when Good Bacteria isn’t able to control the bad bacteria”.
- So, to understand the above quote better, pick up any manufactured Probiotic Health drink like Yakult , Yogurt and any natural probiotic product like Curd & answer the following:
- Tabulate the Nutritional quantities of that product per serving eg. Total Fats, Carbohydrates, Proteins, Sodium, etc. along with essential Vitamins & Minerals present in them. Further, represent the table in the form of a Pie Chart & Bar Graph.
  - Calculate new ratios, eg. Carbohydrates to Protein Ratio, Sodium to Carbohydrate Ratio, Potassium to Calcium Ratio per Serving.
  - Compare the no. of different types of ingredients in both Manufactured & Natural Probiotic as selected above

## **SCIENCE**

Congratulations on becoming our little 'medical chef'. We hope that you have enjoyed the journey so far. Now lets try to understand the 'insights' of probiotic you made. So , pull out one A4 sized yellow sheet and prepare a brochure covering the following aspects of your superfood:

1. Define a probiotic and differentiate it from a prebiotic.
2. Name some natural sources of probiotics. You can use illustrations as well.
3. Draw a labelled diagram of human digestive system and Colour the target area green, on diagram, where probiotics works.
4. Also mention the conditions for which probiotics can be used. Let us tell you a secret, it can be outside digestive system also. Hence, discuss few benefits of probiotics.
5. Prepare concept maps of the topics done till date in respective notebook.

## **ART & CRAFT**

- Make one wall hanging by using best out of waste.
- Make a pen holder with Waste bottles.

## **SOCIAL SCIENCE**

1. “Healthy population is the asset of the nation because a nation is built by the people who live in the country “.

Probiotics promote a healthy balance of gut bacteria and have been linked to a wide range of health benefits.

In order to make different and healthier probiotics, one should know the availability and production of various fruits and vegetables. So, to enhance your knowledge of the same on an outline political map of India, locate and label any 5 states where fruits and vegetables containing natural probiotics are found.

2. Prepare a project on any one topic. (as per discussion in the class)

- consumer rights
- social issues
- sustainable development

### **General Guidelines:**

1. Individual Project: Every student will take the project as per the Roll No:

Roll No. 1,4,7,10,13,16,19,22,25,28,31,34,37,40

#### **CONSUMER RIGHTS**

Roll No. 2,5,8,11,14,17,20,23,26,29,32,35,38,

#### **SOCIAL ISSUES**

Roll No. 3,6,9,12,15,18,21,24,27,30,33,36,39,

#### **SUSTAINABLE DEVELOPMENT.**

2. Project will be developed and presented in the following order.

a) Cover page - Title of the project and a slogan related to the topic, Students name, Roll no. school name and session.

b) Index: it will contain all the sub-topics of the content.

c) Acknowledgement: To the institution, teachers, library, places visited and the persons who helped them in preparing the project.

d) Content: As per the topic given.

e) Bibliography - It should acknowledge any website, books, pages referred, author and publisher.

3. Project must be done on A4 size sheets. It must also include graphs, maps, bar, diagrams etc. depicting statistics or data.
4. Project will be handwritten of maximum 20 to 25 pages without incurring too much expenditure.
5. Viva: After the completion of project each student will give viva.
6. Submission: Month of August.

**Revise all the chapters done till now. Read the Chapters Thoroughly. Prepare Map file (as instructed in class)**

### **ARTIFICIAL INTELLIGENCE**

1. Make a project in Python

The aim of the project is to create something that is useful using Python-CSV connectivity. This should be done in groups of two to three students.

Write a python code to present Probiotics, it's benefits, side effects etc. Create a menu using if statement with different option which are available in search.

2. Make a PowerPoint presentation to represent your topic ( Probiotics)

### **MUSIC**

- Revise Sargam and National Anthem
- Make a chart on any of the Musical Instruments.
- Write a biographical sketch of Tansen.

### **DANCE**

1. Write down about the folk dance of given states with their pictures.

Note : On A4 size sheet

- Punjab
- Rajasthan
- Sikkim
- Tamil nadu

2. Practice the steps given by the dance teacher in the video.

**Song - Challa (Mai lad janna)**

**Link of the song**

<https://youtu.be/g62J-8nV5FI>