



NEW INDIA HIGH SCHOOL, PINJORE

SUMMER VACATION ASSIGNMENT 2024

CLASS – VII



School reopens on July 04, 2024

Dearest Students,

Greetings from NIHS!

Summer vacation brings with it a much-needed break from the busy school schedule. It is a time for relaxation and enjoyment, and when used creatively, it can also be a valuable learning experience. With this in mind, we have designed a **series of exciting and fun projects and assignments to enhance your learning skills, help you better understand various concepts, and improve your academic performance.** These assignments are intended to help you revise and reinforce what you have learned during the school year, while also expanding your knowledge. In short, our Summer Vacation Assignment is meant to be a meaningful and creative exercise.

Important Note:

- These projects and assignments **will be assessed as a Subject Enrichment Activity and added to your Portfolio.**
- Please submit the Projects, Models and Assignments to your **Class Teacher till 8th July i.e. Monday.**

Enjoy your summer break and make the most of this opportunity to learn and grow!

HABITS TO IMBIBE DURING SUMMER VACATION

Dear Students,

Summer vacation is a great time to have fun and learn new things. Here are some habits that you should try:

1. Read Every Day

- Why: Improves your imagination and vocabulary.
- How: Read storybooks or comics for 15-20 minutes daily.

2. Stay Active

- Why: Keeps you healthy and energetic.
- How: Play outside, ride your bike, or skip rope for 30 minutes daily.

3. Eat Healthy Foods

- Why: Helps you grow strong.
- How: Eat fruits, vegetables, and drink lots of water.

4. Help at Home

- Why: Teaches responsibility.
- How: Tidy your room or set the table.

5. Try New Hobbies

- Why: Fun and educational.
- How: Try drawing, painting, or gardening.

6. Spend Time in Nature

- Why: Makes you feel happy and calm.
- How: Go for walks or play in the garden.

7. Learn Something New

- Why: Exciting and fun.
- How: Learn new words or simple science experiments or hobbies that makes your excited.

8. Have Fun and Relax

- Why: Important for happiness.
- How: Play games and spend time with family.

Tips for Parents

- Encourage Reading: Read together daily.
- Promote Activity: Plan outdoor play.
- Healthy Eating: Involve kids in meal prep.
- Routine: Balance fun and learning.

LINKS AND STEPS TO ACCESS THE DIGITAL CONTENT

Here are the Links to access the Digital Content of different subjects for better understandings and revision of the concepts taught in the class:

ENGLISHVILLE-7

- Ch-1 The ABC Poem
<https://qrcodes.pro/4DQeME9IATm>
- Ch-2 Jim Corbett's Best Friend
<https://qrcodes.pro/5kdQwMI7IRT>
- Ch-3 My Dream Christmas
<https://qrcodes.pro/2bGueYQGzDT>
- Ch-4 Tree In Season (Poem)
<https://m.youtube.com/watch?v=Di-TYz4ZbKo&feature=youtu.be>

QR GRAMMAR AND CREATIVE WRITING-7, QR MATHEMATICS STANDARD-7 AND QR SCIENCE STANDARD-7

- STEP I:** Download and install the 'Allern Active' App from Google Play Store (for android users) or Apple App Store (for IOS users).
- STEP II:** Complete Registration.
- STEP III:** Tap on activate a new workbook, on the Home page of the App and follow the instructions on the screen.
Scan any QR code of any chapter from inside the book you have purchased and want to activate.
- STEP IV:** App will display the Grade and Subject of the book.
Continue further by tapping 'Proceed' or 'Cancel'.
- STEP V:** Scratch the sticker available on the book's cover page to reveal the Unique Activation Code (UAC).
Enter the UAC in the text field correctly. Please note the code is case sensitive.
Tap on the 'Submit' option.
- STEP VI:** Tap on the OK button to return to the Home screen.
- STEP VII:** You will see the list of subject and the grade available on the Home Screen. To access your book(s), tap on the book cover icon to see all the videos and worksheets.

NEW TRENDS IN SOCIAL STUDIES-7

- STEP I:** Open Google lens and scan the QR code given on the Social Science Book cover (backside).
- STEP II:** Open the link that appears and download the evergreen e-learning app from the Google Play store.
- STEP III:** Sign up and register as student. Fill the necessary details and register yourself on app.
- STEP IV:** Select your subject and then book from the book list.
- STEP V:** Select a particular Chapter from Chapter list and browse the content related to that Chapter.

SUMMER VACATION ASSIGNMENT

- **Solve Periodic Test-1 Question Papers of English, Hindi, Mathematics, Science, Social Science in your respective notebooks.**
- **Do English and Hindi homework in your respective notebooks.**
- **Do Mathematics homework on A4 sheet.**
- **Read your favourite English and Hindi Stories and share your reading experience with the parents.**

ENGLISH

- **Solve Periodic Test-1 English in your notebook.**

1. TRAVELOGUE:

Summer Vacation is the most awaited time for students to travel to different places and make memories that last a life time. Create a Travelogue (Photo Album) and pen down your experience.

2. ITS TALK TIME:

Read Chapters 1 and 2 to enhance speaking skills. There will be an Enrichment Activity based on these chapters after summer vacation.

3. SUPPLEMENTARY READER — The Adventures Of Huckleberry Finn

Read Chapter - 1 and Chapter - 2 thoroughly and frame five questions from each chapter and answer those questions in your notebook.

- #### **4. Read the passage thoroughly and answer the provided questions in your notebook. Write your answers in complete sentences. Check your answers for spelling, grammar and punctuation errors. Make sure your answers are clear and complete.**

In recent years, the field of genetic engineering has seen remarkable advancements, sparking both enthusiasm and controversy. The advent of CRISPR-Cas9, a revolutionary gene-editing technology, has enabled scientists to make precise modifications to the DNA of living organisms. This technology holds immense potential for curing genetic disorders, improving crop resilience, and even eradicating certain diseases. However, the ethical implications and potential unintended consequences of such powerful tools have fueled an ongoing debate.

One promising application of CRISPR is in the realm of medicine. Researchers are exploring its use to correct genetic mutations responsible for diseases such as cystic fibrosis, sickle cell anemia, and muscular dystrophy. Preliminary results from clinical trials are encouraging, suggesting that gene editing could offer lasting cures where traditional treatments have failed. Nonetheless, the prospect of editing human embryos raises profound ethical questions about the extent to which we should interfere with natural processes. Concerns about “designer babies” and the potential for widening social inequalities are at the forefront of this debate.

Agriculture is another area where genetic engineering promises significant benefits. By introducing genes that confer resistance to pests, diseases, and extreme weather, scientists aim to create crops that are more robust and capable of thriving in diverse environments. This could be a crucial development in the fight against global food insecurity, particularly in regions most affected by climate change. Yet, the long-term ecological impacts of releasing genetically modified organisms (GMOs) into the environment are not fully understood, prompting calls for cautious and rigorous testing.

Beyond the immediate applications, genetic engineering also poses broader societal and philosophical questions. What does it mean to alter the fundamental building blocks of life? How do we balance innovation with the potential risks? The precautionary principle suggests that we should err on the side of caution, ensuring thorough assessment and regulation before widespread adoption of these technologies. Public engagement and transparent discourse are essential to navigating these complex issues.

In conclusion, while genetic engineering and technologies like CRISPR-Cas9 offer unprecedented opportunities for advancement in medicine, agriculture, and beyond, they also necessitate careful consideration of ethical, environmental, and social implications. The challenge lies in harnessing these innovations responsibly, ensuring that their benefits are realized without compromising our values or the health of our planet.

Answer the following questions:

- a) What recent advancement in genetic engineering is discussed in the passage?
- b) What potential medical applications of CRISPR are mentioned?
- c) What ethical concerns are associated with editing human embryos?
- d) How can genetic engineering benefit agriculture according to the passage?
- e) What long-term ecological concerns are raised about GMOs?
- f) What broader societal questions does genetic engineering pose?
- g) What is the precautionary principle and how does it apply to genetic engineering?
- h) Why is public engagement important in the context of genetic engineering?
- i) Summarize the main message of the passage in one sentence.
- j) What is the challenge in harnessing the innovations of genetic engineering?

HINDI

➤ **Solve Periodic Test-1 Hindi in your notebook.**

1. निम्नलिखित अपठित गद्यांश को ध्यानपूर्वक पढ़कर इसके आधार पर सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए: (हिंदी नोटबुक में लिखिए)

अनुशासन जीवन की सफलता का महामंत्र है। समस्त प्रकृति अनुशासन का पालन स्वतः ही करती है। सूर्य का उदय तथा अस्त होना, ऋतुओं का चक्र, रात और दिन सब अनुशासन का पालन करते हैं। मनुष्य जीवन में भी अनुशासन का विशेष महत्त्व है। हम सभी प्रायः विद्यालय में ही अनुशासन का प्रथम पाठ पढ़ते हैं। गुरुजनों को भी वही शिष्य सबसे प्रिय होता है, जो उनके बताए मार्ग पर चलता है, अनुशासित रहता है तथा विद्यालय के नियमों का पालन करता है। परिवार में भी अनुशासनहीन रहने वाले को प्रताड़ना ही मिलती है। चींटी जैसे जीव का जीवन तो अनुशासन का एक अनुपम उदाहरण है। युद्ध में अथवा खेल में अनुशासन ही विजय दिलाता है। सेनापति के निर्देश और कप्तान के आदेश का पालन सफलता की कुंजी होती है। हमारे समाज और देश की उन्नति के लिए यह अनिवार्य है कि हम उनके नियमों और कानूनों को मानें तथा उनका पालन करें। अत्याचार और अनाचार का विरोध भी करना हो, तो भी अनुशासित ढंग से करें। स्वयं अनुशासन का पालन करते हुए ही हम दूसरों को अनुशासित कर सकते हैं।

- (i) जीवन की सफलता का महामंत्र क्या है?

(क) अर्थिक स्वावलंबन

(ख) अनुशासन

(ग) ईर्ष्या

(घ) प्रतिस्पर्धा

- (ii) युद्ध अथवा खेल में कौन विजय दिलाता है?

(क) परिश्रम

(ख) आपसी तालमेल

(ग) अनुशासन

(घ) गोला-बारूद

- (iii) मनुष्य प्रायः अनुशासन का प्रथम पाठ कहाँ पढ़ता है?

(क) विद्यालय में

(ख) खेल के मैदान में

(ग) अपने दोस्तों के बीच

(घ) अपने आप

- (iv) प्रस्तुत गद्यांश के अनुसार अनुशासन का अनुपम उदाहरण कौन प्रस्तुत करता है?

(क) मनुष्य का जीवन

(ख) किसी पक्षी का जीवन

(ग) चींटी का जीवन

(घ) किसी पशु का जीवन

- (v) निम्नलिखित कथनों को ध्यानपूर्वक पढ़िए और दिए गए विकल्पों में से कोई एक सही विकल्प चुनकर लिखिए—

कथन (A): हमारे समाज और देश की उन्नति के लिए यह अनिवार्य है कि हम उनके नियमों एवं कानूनों को मानें तथा उनका पालन करें।

कारण (R): अनुशासन जीवन की सफलता का महामंत्र है।

(क) कथन (A) तथा कारण (R) दोनों गलत हैं।

(ख) कथन (A) गलत है, लेकिन कारण (R) सही है।

(ग) कथन (A) सही है, लेकिन कारण (R) उसकी गलत व्याख्या करता है।

(घ) कथन (A) तथा कारण (R) दोनों सही हैं तथा कारण (R) कथन (A) की सही व्याख्या करता है।

2. परियोजना कार्य

क) वीरता पुरस्कार से सम्मानित लोगों के चित्र चिपकाकर किसी एक के जीवन के आधार पर जानकारी A4 Sheet पर लिखिए।



ख) 'उपभोक्ता संरक्षण कानून' के विषय पर जानकारी एकत्रित कर A4 Sheet पर लिखिए।

रचनात्मक लेखन (विज्ञापन)

क) खिलौने का एक नया शोरूम खुला है, ग्राहकों को आकर्षित करने हेतु विज्ञापन तैयार कीजिए।

संवाद लेखन:-

क) प्लास्टिक की थैलियाँ का प्रयोग न करने के लिए दुकानदार और ग्राहक के बीच संवाद लिखिए।

अथवा

ख) नैनीताल भ्रमण से (घूमने के बाद) लौटे हुए एक मित्र का दूसरे मित्र से संवाद लिखिए।

MATHEMATICS

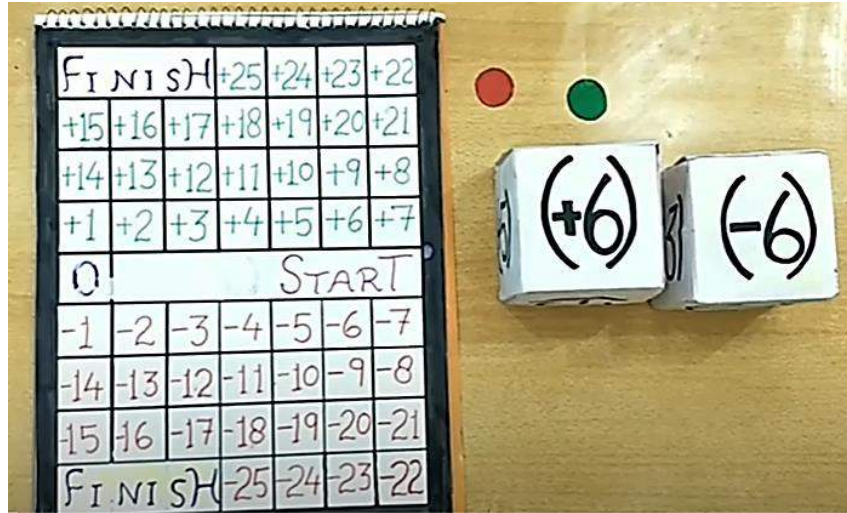
➤ **Solve Periodic Test-1 Mathematics in your notebook.**

1. Complete Ch- 1, Ch-2 and Ch-4 in QR Book and in Marks Booster.

2. MATHS FUN ACTIVITY:

i) Create a Board game with integers.

<https://youtu.be/pFaDFVLXRY?si=LOkg5A-6TAywVrRA>



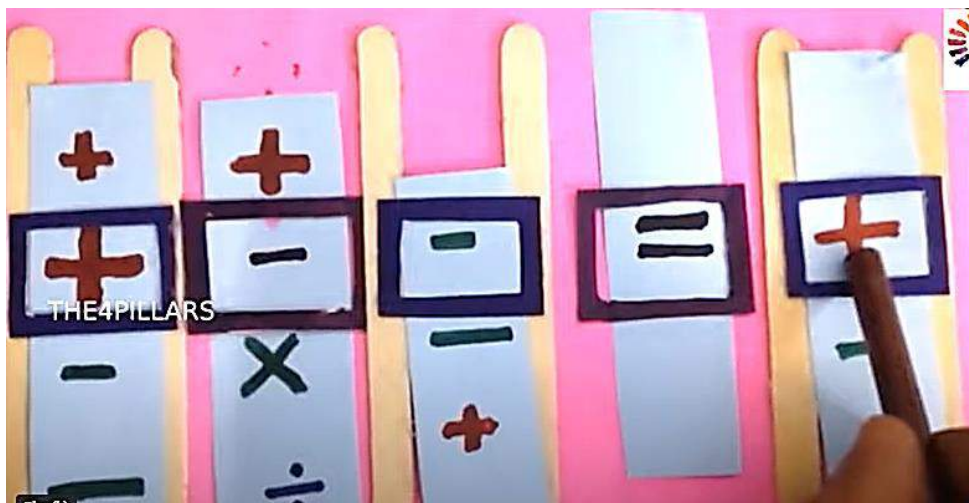
OR

ii) Rules of Integers on Board

Material required:

Cardboard, white sheet, glue, sketch pen, Colourful A4 Sheets.

https://youtu.be/ysScZJF8CM?si=fNOzpzWW_ncd7UNG

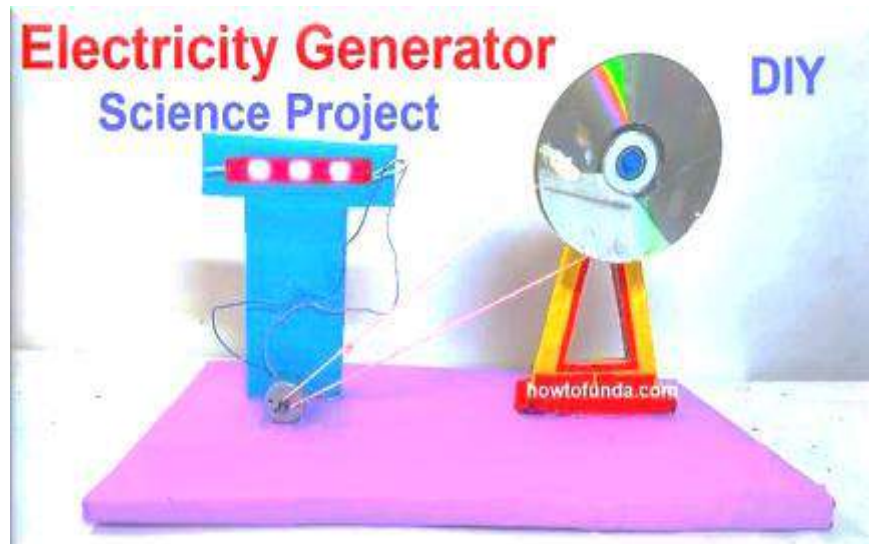


SCIENCE

➤ Solve Periodic Test-1 Science in your notebook.

PROJECT WORK TO BE ADDED IN THE PORTFOLIO:

TOPIC: Make a working model of generator.



<https://www.youtube.com/watch?v=osZ49tzKmks>

***Note:** *The above link is for the reference purpose. Use your own creativity.*

SOCIAL SCIENCE

- Solve Periodic Test-1 Social Science in your notebook.

PROJECT WORK TO BE ADDED IN THE PORTFOLIO:

TOPIC: - Make coins of different times by using clay (you can colour them i.e. golden, silver and copper).

Paste them on a piece of cardboard, by labelling your name and class.

You can take help from the link and images given below.



<https://www.youtube.com/watch?v=iu9NkwO-NkE>

**Note: The above link is for the reference purpose. Use your own creativity.*

PROJECTS FOR CBSE EXPRESSION SERIES- 2024

- Write an **Essay** (400 words) or make a **Painting** (A4 size Sheet) or a **Poem** on **ANY ONE** of the given topics:

My Views to make Exams Stress Free

OR

2 Lessons I learnt in my Class that helped in my daily life

FATHER'S DAY CELEBRATIONS

1. Celebrate Father's Day by making a Photo frame with the help of your mother and paste yours and your father's photograph in the same.



HAPPY HOLIDAYS!