



DARSHAN ACADEMY
SUMMER ASSIGNMENT
SESSION: 2024-2025
GRADE: VIII

As you embark on your summer holidays, I hope you're filled with excitement for the adventures that lie ahead. This break is not just a time to relax but also an opportunity to explore, learn, and grow in countless ways.

Take this time to reconnect with your family and relatives. Share stories, laughter, and love with those who matter most. Spend quality time with your elders, learning from their wisdom and experiences.

Immerse yourself in the beauty of the world around you. Read books that transport you to far-off lands and ignite your imagination. Spend time in nature, observing its wonders and finding peace in its tranquility.

But don't forget to inject some fun and creativity into your days. Try new activities, experiment with new recipes in the kitchen, and unleash your artistic side in whatever way brings you joy.

Travel to new places, whether they're nearby towns or distant cities. Explore new cultures, try new foods, and open your mind to new perspectives. Every journey is an opportunity for growth and discovery.

And finally, never stop learning. Pick up new skills, whether it's a new language, a musical instrument, or a hobby you've always wanted to try. Challenge yourself to step out of your comfort zone and embrace the thrill of learning something new.

As you enjoy your summer break, remember that each day is a gift—a chance to create memories, learn something new, and embrace the beauty of life.

Wishing you a summer filled with joy, adventure, and endless possibilities.



DARSHAN ACADEMY

SUMMER ASSIGNMENT 2024-25

GRADE VIII, SUBJECT: – ENGLISH

Note:- Q4, Q5 (To be done in scrap file) Q7 (use colored A4 sheets)

1. Prepare stick figure of an Ant and a Cricket and by taking the reference of the poem – The Ant and The Cricket, write their dialogues in them.
2. Prepare a Power Point Presentation on the lesson – The Tsunami. You can innovatively explain the events using different tools.
3. Prepare a board game on the topic – Sentences and its Types (Simple, Compound and Complex)
4. Prepare mind maps creatively to depict different types of determiners, their examples, and sentences.
5. List three famous people or characters you like or admire. Imagine you are one of the most famous figures from your list. As that person, think of what you would do on a summer day. Write a diary entry about the day as the famous person.
6. Design a magazine which should have the following contents:
 - a) An attractive cover page.
 - b) Name of the Magazine.
 - c) Articles on Discipline, Child Labor, G20 Summit, etc.
 - d) short stories.
 - e) Pictures of some of the school functions that you like the most.
 - f) Puzzle corner.

7. Answer the questions below and write the answers as instructed in the crossword puzzle.

Across

6. I _____ find somewhere sheltered to sleep tonight.
7. I _____ love to have a huge pile of fruit to eat for breakfast tomorrow.
8. I _____ be outside a lot of the time so, I should eat enough to have energy to move around.
9. Some of the other cave men _____ go out hunting this evening.
10. I _____ try my hardest to hunt and forage for food as much as everyone else so that I get along with everyone.

Down

1. I _____ be awake early in the morning because that is when I can catch my breakfast the easiest.
2. The roof of my shelter _____ be some trees or the roof of a cave.
3. I _____ see some apples to eat today.
4. I _____ hide in my cave to stay safe if I need to.
5. I _____ make sure I find enough food so that I am not hungry today and I have energy.



DARSHAN ACADEMY

SUMMER ASSIGNMENT 2024-25

GRADE VIII, SUBJECT: – हिंदी

निर्देश --हिंदी ग्रीष्मावकाश -कार्य को एक अलग से पुस्तिका (नोटबुक) बनाकर ,उसमे कीजिए ।

1. कांच की चूड़ियों और लाख की चूड़ियों के तुलनात्मक अध्ययन पर एक शोध पत्र तैयार कीजिए।
2. बौद्ध धर्म के प्रसिद्ध मंदिरों के चित्र चिपक कर उनके बारे में 5 से 6 पंक्तियां लिखिए।
3. समाचार पत्र में से कुछ ऐसे समाचार अलग करके अनुपुस्तिका पर चिपकाएं जो नैतिक मूल्यों से संबंधित हो।
4. वर्ग पहेली में से कारक तथा परसर्ग के परसर्ग चिह्न ढूंढ कर लिखिए।

	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
अ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
आ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
इ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
ई	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
उ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
ऊ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
ए	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
ऐ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ
ओ	अ	आ	इ	ई	उ	ऊ	ए	ऐ	ओ

5. अंताक्षरी खेलते हुए उपसर्ग- प्रत्यय के लिए दो अलग-अलग शब्द सीढ़ियां तैयार कीजिए।
6. निम्नलिखित विषयों पर साफ़-सुंदर लेख में अनुच्छेद लिखे।
 - i. जीवन में खेल कूद का स्थान
 - ii. विज्ञान और हमारा जीवन
7. हिंदी की व्याकरण पुस्तिका में से कोई दो अपठित गद्यांशों को ध्यानपूर्वक पढ़कर उनके प्रश्नों के उत्तर ढूंढ कर अपनी अनुपुस्तिका में लिखें।
8. भारतीय डाक टिकटों का एक आकर्षक और सुंदर कोलाज तैयार करें।
9. भक्ति कालीन कवियों के नाम और उनकी एक-एक रचना का नाम भी लिखिए तथा उनके द्वारा रचित किसी पुस्तक को पढ़ कर उसकी समीक्षा कीजिए ।
10. ' प्रकृति के सौंदर्य' को समर्पित एक स्वयं रचित कविता लिखिए।



DARSHAN ACADEMY

SUMMER ASSIGNMENT 2024-25

GRADE VIII, SUBJECT: – MATHEMATICS

"In numbers and equations, our holiday's delight, Maths homework awaits, shining bright.

With pencils in hand and minds all keen, we delve into problems, sights unseen.

In the realm of math, we seek to explore, Holiday homework, a quest we adore.

Through challenges we grow, our knowledge taking flight, In the realm of numbers, our holiday's light."

PROJECT WORK

Creating the Maths Portfolio is also a part of the internal assessment. So, Dear Student Kindly Prepare a creative and colourful portfolio using your innovative ideas. Here a list of topics is given that will help you.

1. As we know the Lok Sabha Elections are coming collect the data of all political parties with number of existing seats and their symbols. Represent the election result through a bar graph. Which party got highest number of seats, and which got lowest number of seats. Find out how many seats are required to win by any party to obtain majority in Lok Sabha.(Do on A4 size sheets)
2. Create a beautiful board Game / card game/ any innovative game on any one of the topics – Integers / Properties of Squares of numbers / comparing quantities.
3. Explore any 10 Vedic Maths Tricks and write them on A4 sized sheets and put them in your portfolio. Give at least 5 examples of each trick. Prepare them well to give presentation in your class after the vacations.

PRACTICE TIME: Do the following Questions on A4sized sheets and put them in your Portfolio file.

Q1. Write the formula for finding the probability of an event.

Q2. Tell which property allows you to compute.

$$\frac{1}{5} \times \left[\frac{5}{6} \times \frac{7}{9} \right] \text{ as } \left[\frac{1}{5} \times \frac{5}{6} \right] \times \frac{7}{9}$$

Q3. Find the multiplicative inverse of $-8\frac{1}{8}$

Q4. There are 10 red balls and 5 white balls in a bag. What is the probability of picking up a red ball from it?

Q5. By what number should we multiply $-\frac{8}{13}$ so that the product may be 24?

Q6. The number ____ is its own reciprocal.

Q7. Solve: $\frac{0.2x+5}{3.5x-3} = \frac{2}{5}$

Q8. For the throw of 2 coins write the list of outcomes. What is the probability of getting head on both the coins?

Q9. Solve for x: $\frac{x+1}{4} = \frac{x-2}{3}$

Q10. Find the multiplicative inverse of $\frac{-2}{3} \times \frac{1}{4} \times \frac{3}{2} \times \frac{-8}{36}$

Q11. Read the following statements and answer yes or no. If no, give an example in support of your answer.

- (a) Integers commute under subtraction.
- (b) Rational numbers are closed under division.

Q12. The following table shows the portion of some common materials that are recycled:

Material	Recycled
Paper	$\frac{5}{10}$
Aluminium cans	$\frac{5}{8}$
Glass	$\frac{2}{5}$
Scrap	$\frac{3}{4}$

Answer the following questions:

- (a) Is the quantity of recycled cans more or less than half of the quantity of aluminium cans?
- (b) Is quantity of recycled glass more or less than recycled paper?
- (c) Arrange the rate of recycling the materials from the greatest to the smallest.

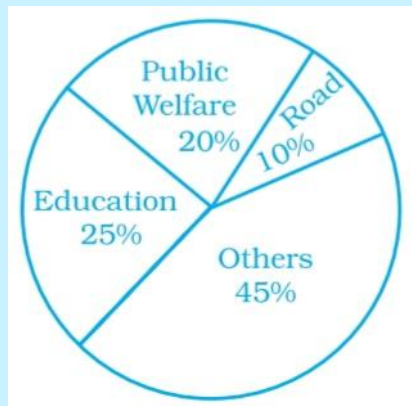
Q13. A dice is rolled once. What is the probability that the number on the top will be:

- (a) Odd
- (b) Greater than 5
- (c) Multiple of 3
- (d) Less than 1
- (e) A factor of 36
- (f) A factor of 6

Q14. Solve: $\frac{1}{2}(x+1) + \frac{1}{3}(x-1) = \frac{5}{12}(x-2)$

Q15. The following pie chart depicts the expenditure of a state government under different heads.

- (a) If the total spending is 10 crores, how much money was spent on roads?
- (b) Find the central angle of the sector depicting the expenditure on public welfare.
- (c) What fraction of the total expenditure is spent on both roads and public welfare together?



Q16. Solve: $\frac{x}{2} + \frac{x}{4} + \frac{x}{5} + 10000 = x$

Q17. Simplify:

(a) $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \frac{-14}{9}$

(b) $\frac{2}{5} \times \frac{3}{7} - \frac{3}{7} \times \frac{3}{5}$

Q18. Shoes of the following brands are sold in April, 2023 at a shoe store. Construct a pie chart for the following data:

Brand	Number of pair of shoes sold
A	130
B	120
C	90
D	40
E	20

Darshan Academy, Delhi
SUMMER ASSIGNMENT 2024-25
Class VIII
Subject: Sanskrit

निर्देश : ग्रीष्मावकाशस्य कार्याय एक लघु पुस्तिक (मिनी बुकलेट) रचयत (बनाइए)

1. अधोदत्तानि चित्राणि दृष्ट्वा तेषां नामानि कर्मक्षेत्राणि च लिखत।



2. ग्रीष्मावकाशस्य कालः कथं व्यतीतः? अनुच्छेदं लिखत।

3. उत्तरप्रदेशस्य वेशभूषायाः खाद्य पदार्थस्य लोकनृत्यस्य, भाषायाः विषये इन्टरनेटमाध्यमेन ज्ञानं एकत्रितं कृत्वा सचित्रं स्वसञ्चिकायां एकं परियोजनाकार्यं कुरुत।

4. नीतिशिक्षाविषये एकं श्लोकं गायनस्य श्रव्यं कृत्वा गृहकार्यसमूहं प्रति प्रेषयन्तु।

5. चित्राणि दृष्ट्वा मञ्जूषायाः सहायतया कथां पूरयत-

जालेन	दन्तैः	समीपे	आगच्छत्	एकस्मिन्
उत्पतितुम्	बन्धनात्	खगाः	कपोतः	जालम्



नद्याः तीरे (i) _____ वृक्षे अनेके (ii) _____
वसन्ति स्म। तत्रैव एकः (iii) _____ अपि अवसत्। एकदा एकः व्याधः (iv)
_____। सः तत्र (v) _____ प्रसारयत्। खगाः (vi)
_____ बद्धाः अभवन्। कपोतराजः तान् जालेन सह (vii) _____
अकथयत्। खगाः जालं नीत्वा उदपतन्। ते मूषकस्य (viii) अगच्छन्। मूषकः (ix)
_____ जालम् अकृन्तत्। एकतायाः कारणात् ते (x) _____
मुक्ताः अभवन्।



DARSHAN ACADEMY

SUMMER ASSIGNMENT 2024-25

GRADE VIII, SUBJECT: – SCIENCE

Title: "Sustainable Living"

Introduction:

Welcome, young scientists, to an exhilarating summer adventure! This assignment is crafted to spark your curiosity and foster a deeper understanding of science while you enjoy your vacation. Get ready to embark on a series of captivating explorations that will unveil the mysteries of the world around you and help to promote sustainable living practices. Let's dive in!

Activity 1- Electricity Survey:

- **Gather Information:** Collect your latest electricity bill. Look for information on how much electricity your family uses each month and how much you pay. Write down these numbers.
- **Take Meter Readings:** If you have access to your home's electricity meter, take a reading at the beginning of the survey. Write down the numbers. You can take another reading at the end to see if you've used less electricity.
- **Create a Survey Plan:** Decide which areas of your home you want to survey. This could include rooms, appliances, and electronics. Make a list of the items you'll be surveying.
- **Survey Each Area:** Start by surveying one area of your home at a time, such as the living room. Walk around and make notes about all the appliances and electronics in that room that use electricity. Include items like lights, TVs, computers, game consoles, and chargers.
- **Record Usage Data:** Use a timer to measure how long each appliance or electronic device is used each day. Write down the usage time for each item.
- **Calculate Energy Usage:** Look for labels on your appliances and electronics that indicate their energy usage (in watts or kilowatts). If you can't find the label, you can estimate the energy usage based on similar items. Multiply the usage time by the energy consumption to find out how much energy each item uses in a day.
- **Estimate Monthly Usage:** Multiply the daily energy usage for each item by the number of days in a month to estimate the monthly energy consumption. Add up the energy usage for all the items surveyed in each area of your home.
- **Compare Usage to Electricity Bill:** Compare the estimated monthly energy usage from your survey to the electricity usage on your bill. Are there any differences? Try to identify the reasons for any discrepancies.
- **Identify Opportunities to Save Electricity:** Review your survey findings and look for opportunities to save electricity. Are there appliances or electronics that are left on when they're not in use? Can you reduce the amount of time certain items are used each day?
- **Make Recommendations:** Based on your survey results, make recommendations for how your family can save electricity. This could include turning off lights and electronics when

not in use, using energy-efficient appliances, and unplugging chargers when they're not needed.

- **Present Your Findings:** Take pictures during the survey. Create a beautiful handmade folder to present the pictures and survey report summarizing your findings, recommendations for saving electricity, and any actions your family plans to take based on the survey results.

Activity 2- Water Conservation Initiative:

- List various ways in which water is used in homes including drinking, cleaning, irrigation, and recreational activities.
- Record the amount of water used for different purposes, such as drinking, bathing, flushing toilets, watering plants, and washing dishes in a day.
- Calculate the total water consumption of your home in a day. Now make an estimate for average water consumption in your home for a week.
- Conduct a walk-through of your home to identify areas where water is being wasted.
- Look for leaky faucets, dripping taps, running toilets and other sources of water wastage.
- List various ways by which you can minimize water usage at home.
- Educate family members about water-saving habits, such as turning off taps while brushing teeth, taking shorter showers, and only running washing machines and dishwashers with full loads.
- Present your findings on coloured A4 sheets.
- Make a poster or Compose a song highlighting the importance of conserving water for future generations.

Activity 3 – Exploring Combustion

- Gather a variety of substances from around the house, such as paper, wood, plastic, metal, and cotton.
- Sort the substances into two categories: combustible and non-combustible.
- Take pictures of the categorized substances to document your observations.
- Light a candle and observe the flame with your family members.
- Cover the flame with a glass jar or a small container and observe what happens to the flame.
- Discuss how the flame extinguishes due to the lack of oxygen (air) inside the container, demonstrating that air is necessary for combustion.
- Take pictures of the candle flame before and after covering it to illustrate the effect of air on combustion.
- Place a paper cup filled with water over a candle flame.
- Observe whether the water heats up without the paper cup catching fire.
- Discuss the concept of heat transfer and the insulating properties of the paper cup.
- Take pictures of the experiment to capture the process and results.
- Use a thermometer to measure the temperature of the candle flame at various points.
- Discuss whether the candle flame is hot throughout or only at certain points.
- Take pictures of the candle flame and thermometer readings to document your findings.

Activity 4- Comics Chronicle

- Read the comic books of the following chapters of NCERT from CBSE - Diksha Portal-
 - a) The story of crop production
 - b) Microorganisms- friend or foe
 - c) Reaching the age of adolescence.
- Present the summary of the above lessons in the form of a graphic organizer.
- Create your own comic strip of chapter 5- Reproduction in Animals

Activity 5- Toys from trash

- Visit Arvind Gupta site (for reference). Make any four simple toys/ games/ puzzles (using waste material) related to different concepts of -
 - a) Force and pressure
 - b) Sound
 - c) Light

Activity 6 – Model Making

- Make a working model on the following sub themes as per your roll number-
 - Health and Cleanliness- Roll No. 1 to 10
 - Lifestyle for Environment- Roll No. 11 to 20
 - Transport and Innovation- Roll No. 21 to 30
 - Environmental Concerns- Roll No. 31 to 40

Conclusion- As you embark on these exciting science explorations, remember to stay curious, observant, and open-minded. Have a fantastic summer vacation filled with discovery and adventure!



DARSHAN ACADEMY

SUMMER ASSIGNMENT 2024-25

GRADE VIII, SUBJECT: – SOCIAL SCIENCE

Dear Students,

Get ready for an enriching journey as we delve into the dynamic world of current affairs and historical narratives. In this assignment, you will embark on a captivating exploration through the pages of newspapers, dissecting the intricacies of the recent General Elections in India. Additionally, we will traverse the corridors of time with Dateline, shedding light on the British period in India, unravelling its impact on the nation's history.

Furthermore, you will tune into an enlightening podcast unravelling the enigmatic legacy of the East India Company. Strengthen your cartographic skills as we navigate through maps, unravelling the geographical tapestry of our world. Moreover, you will champion the cause of resource conservation through a compelling campaign, advocating for a sustainable future.

Finally, hone your note-making abilities as you synthesize your learnings into concise and insightful reflections. Get ready to embark on a journey of discovery and enlightenment!

Note: Activity 1 to be done on a separate thin notebook.

Activities 2,3,5 and 6 to be done on A4 size sheets.

Activity 7 to be done in Social Science Notes Copy.

Activity 4 to be shared through a pen drive

ACTIVITY 1- Newspaper Reading-

- Select a national or local newspaper of your choice.
- Read at least one article every day from the newspaper.
- Write a brief summary of each article you read, highlighting the main points and your thoughts about the content.

ACTIVITY 2- Elections Exploration-

- Analyse the result of the recent General Elections. Draw a table to depict the election result.

S.NO	POLITICAL PARTY	Number of MPs
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- What were the major issues in the election?
- Who were the candidates from your constituency?

- What do the election results reveal about the preferences of the voters?

ACTIVITY 3-Dateline-

Create a timeline of the important events in the history of colonial India from 1857 to 1947.

Use pictures/drawings to make your timeline illustrative.

ACTIVITY 4- Podcast -

Produce a podcast on the arrival of East India Company and their expansionist policies. Focus on the following points:

1. Arrival of East India Company
2. Beginning of trade in Bengal
3. Battle of Plassey
4. Expansionist policies of East India Company

Create a video/audio file of your podcast.

ACTIVITY 5- Map skills-

On the political map of the World mark the routes to India in the Eighteenth century.

On the political map of India mark the following places:

Plassey, Buxar, Madras, Awadh, Hyderabad, Mysore, Kanpur, Panipat, Karnataka, Agra, Satara, Nagpur, Udaipur and Jhansi.

ACTIVITY 6- Resource Conservation Campaign -

Design a resource conservation campaign targeting your school or community. Identify key issues and develop educational materials like posters/flyers to raise awareness and promote sustainable practices.

ACTIVITY 7- Crafting concise chronicles -

Master the skill of note making. Write pointers on the following chapters

- How When and Where
- Resources
- The Indian Constitution