

PRAGYAN INTERNATIONAL SCHOOL

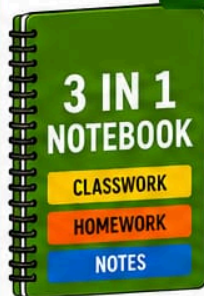
SUMMER VACATION

HOMework GUIDELINES



Session 2026-27

GENERAL INSTRUCTIONS FOR STUDENTS



- Complete all work neatly and sincerely.
- Write all subjects in 3 in 1 notebook.
- The notebook should be properly covered and labelled with:
 - Student's Name
 - Class & Section
 - Roll Number
 - Session
 - "SUMMER VACATION HOMEWORK" (on the front cover)

- Use separators or coloured pages for each subject.
- Index should be prepared at the beginning of the notebook.
- The date must be written for every activity.
- Handwriting should be neat and readable.
- Use only pencil for written work.
- Diagrams and drawings should be properly coloured and labelled.
- Avoid overwriting and untidy presentations.

HOMework COMPLETION GUIDELINES



- Complete homework regularly instead of doing it at the last moment.
- Work independently.
- Seek parental guidance but do not complete the work on their behalf.
- Every task should reflect creativity, understanding, and effort.
- Read instructions carefully before starting the work.
- Complete all activities within the given timeline.

PRESENTATION GUIDELINES



- Use headings and subheadings properly.
- Maintain proper margins.
- Use coloured pencils for charts and creative work.
- Keep work clean and organized.
- Attach worksheets or printed material, if used.
- Avoid loose sheets unless instructed.

SUBJECT-WISE ARRANGEMENT IN NOTEBOOK



Arrange subjects in the following order:

1. English
2. Hindi
3. Mathematics
4. EVS
5. GK
6. Computer

EVIDENCE SUBMISSION GUIDELINES



Attach evidence of activities wherever applicable.

Examples of evidence may include:

- Drawings
- Photographs
- Observation tables
- Labels
- Charts
- Small reflections
- Parent signature for activity completion
- Leaf pasting
- Creative model photographs
- Survey records
- Nature observation notes

★ ★ Let's Learn, Explore and Grow Together! ★ ★



READING HABIT GUIDELINES

- Read for at least 20 minutes daily.
- You may read:
 - Story books
 - Newspapers
 - Magazines
 - Informational books
 - Poems



- Maintain a small reading log mentioning:
 - Book name
 - Date
 - New words learned

- Observe nature
- Learn new skills
- Practice art and craft
- Improve communication skills
- Participate in family discussions
- Develop problem-solving habits
- Practice kindness and responsibility



PARENTS' GUIDELINES

- Encourage children to work independently.
- Monitor regular completion of homework.
- Appreciate effort and creativity.
- Ensure a balanced routine of study, play, and rest.
- Support reading habits at home.
- Avoid excessive pressure on children.



SCREEN TIME GUIDELINES

- Limit mobile phone usage.
- Use digital devices only for educational purposes.
- Educational videos and learning apps may be used with parental guidance.
- Avoid excessive gaming and social media use.



SUBMISSION INSTRUCTIONS

- Submit the notebook on the first three working days after vacation.
- Incomplete homework may affect subject enrichment records.
- Revise and complete all work before school reopens.
- The notebook will be assessed on:
 - Neatness
 - Creativity
 - Completion
 - Presentation
 - Concept understanding
 - Originality of work



MAINTAIN A HEALTHY DAILY ROUTINE

- Sleep on time and wake up early.
- Eat healthy food and drink enough water.
- Practice cleanliness and hygiene.
- Help parents in small household activities.
- Spend time in outdoor games and physical activities.



- Participate in community or social activities.
- Draw, paint and craft.
- Learn a new skill, explore a hobby or skill.
- Explore and express your creativity.
- Learn a hobby or skill for personal growth.



IMPORTANT REMEMBER



*Use your time wisely,
learn joyfully,
and grow every day!*



CLASS 8 – ENGLISH

Day	Task	Working	Evidence	Reflection	Process
1	Future Letter	Write a letter to yourself 10 years in the future	150-word letter with creative border	What do you want to achieve in life ?	Imagine yourself after 10 years and think about your dreams, career, achievements, and future lifestyle. Write your thoughts positively and creatively. Decorate the page with symbols related to your goals.
2	Comic Strip	Create a 4-panel comic on a funny classroom incident	Comic with dialogues	Which part was most enjoyable ?	Think of a funny classroom moment and divide it into four scenes. Add dialogues and facial expressions to make it interesting.
3	Alternate Ending	Change the ending of a known story	120–150 word write-up	Why did you change the ending ?	Read a known story and imagine a different ending. Change the climax creatively while keeping the story meaningful.
4	Advertisement Writing	Design an advertisement for a school bag	Poster with slogan	How do advertisements attract people ?	Observe advertisements around you and design one for a school bag using catchy slogans and attractive features.
5	Diary Entry	Write about your happiest day	Proper diary format	Why is the memory special ?	Recall your happiest day and express your feelings honestly in diary format with date and emotions.
6	Travel Blog	Imagine visiting a hill station and write a blog	Blog with heading	Which place would you like to visit ?	Imagine visiting a hill station and describing the journey, scenery, food, and activities like a blogger.
7	Interview Writing	Write an interview with your favourite sportsperson	6 questions and answers	What inspires you about that person ?	Imagine meeting your favourite sportsperson and prepare meaningful questions about success, practice, and motivation.
8	News Report	Write a report on heavy rainfall in your city	Headline and report	How can such situations be managed ?	Think about heavy rainfall in your city and report it like a newspaper journalist using headlines and facts.
9	Story from a Picture	Draw a picture and create a story	Picture with story	How did the picture help imagination ?	Draw any creative picture first and then build a story around the scene, characters, and events shown in it.
10	Speech Writing	Write a speech on importance of reading	Speech format	Why should students read daily ?	Think about the importance of reading books and preparing a speech for school assembly.

11	Poem Creation	Write a short poem on nature	Minimum 8 lines	What inspired your poem ?	Observe nature around you and write a short poem using rhyme, imagination, and feelings.
12	Book Cover Design	Design a cover for your favourite book	Cover page with illustration	Why do you like the book ?	Choose your favourite book and redesign its cover creatively using symbols and illustrations from the story.
13	Character Sketch	Describe your favourite fictional character	120-word description	Which qualities do you admire ?	Think about your favourite fictional character and describe appearance, behaviour, qualities, and role in the story.
14	Debate Writing	Write points for and against mobile phones in school	Debate points	What is your opinion ?	Think about advantages and disadvantages of mobile phones in school and prepare balanced debate points.
15	Invitation Card	Design an invitation for a school event	Invitation format	Why are invitations important ?	Imagine organizing a school event and create a colourful invitation mentioning date, venue, and purpose.

CLASS 8 – HINDI

Day	Task	Working	Evidence	Reflection	Process
1	आत्म परिचय	अपना परिचय लिखिए	100 शब्द	अपनी कौन-सी विशेषता अच्छी लगती है ?	अपने बारे में सोचकर नाम, परिवार, रुचियाँ, विद्यालय और अपने गुणों का परिचय सरल एवं रचनात्मक भाषा में लिखिए।
2	चित्र वर्णन	किसी चित्र का वर्णन कीजिए	चित्र और वर्णन	चित्र से क्या सीख मिली ?	किसी चित्र को ध्यानपूर्वक देखकर उसमें दिखाई देने वाले दृश्य, पात्र और गतिविधियों का वर्णन कीजिए।
3	संवाद लेखन	दो मित्रों के बीच वार्तालाप लिखिए	8-10 पंक्तियाँ	संवाद का मुख्य संदेश ?	दो मित्रों के बीच किसी रोचक विषय पर वार्तालाप की कल्पना करके संवाद लिखिए।
4	विज्ञापन निर्माण	किसी वस्तु का विज्ञापन बनाइए	पोस्टर और नारा	विज्ञापन का प्रभाव?	आसपास दिखाई देने वाले विज्ञापनों को देखकर किसी वस्तु के लिए आकर्षक विज्ञापन तैयार कीजिए।
5	कहानी लेखन	“ईमानदारी का फल” पर कहानी	कहानी और चित्र	क्या शिक्षा मिली ?	ईमानदारी से संबंधित घटना की कल्पना करके आरम्भ, मध्य और अंत सहित कहानी लिखिए।

6	डायरी लेखन	एक रोचक दिन का वर्णन	डायरी प्रारूप	सबसे यादगार पल ?	अपने जीवन के किसी रोचक दिन को याद करके उसे डायरी शैली में भावनात्मक रूप से लिखिए।
7	कविता लेखन	प्रकृति पर कविता लिखिए	8 पंक्तियाँ	कविता की प्रेरणा ?	प्रकृति का अवलोकन करके पेड़, नदी, पक्षी, मौसम आदि पर तुर्कांत कविता लिखिए।
8	यात्रा वर्णन	काल्पनिक यात्रा का वर्णन (कल्पना पर आधारित)	100 शब्द	कहाँ जाना चाहेंगे ?	किसी सुंदर स्थान की काल्पनिक यात्रा की कल्पना करके वहाँ के दृश्य, अनुभव और आनंद का वर्णन कीजिए।
9	अनुच्छेद लेखन	“स्वच्छ भारत” पर अनुच्छेद	अनुच्छेद	आप क्या योगदान देंगे ?	स्वच्छ भारत अभियान के महत्व को समझते हुए स्वच्छता पर अनुच्छेद लिखिए।
10	पत्र लेखन	मित्र को पत्र लिखिए	पत्र प्रारूप	पत्र लिखना क्यों आवश्यक है ?	अपने मित्र को किसी विषय पर पत्र लिखते समय सही प्रारूप और भावनाओं का प्रयोग कीजिए।
11	मुहावरे खोजो	10 मुहावरों के अर्थ लिखिए	सूची	कौन-सा मुहावरा रोचक लगा ?	विभिन्न मुहावरों को खोजकर उनके अर्थ एवं वाक्यों में प्रयोग लिखिए।
12	पुस्तक समीक्षा	पसंदीदा पुस्तक का विश्लेषण	पुस्तक का नाम और विश्लेषण	क्या सीख मिली ?	अपनी पसंदीदा पुस्तक पढ़कर उसके पात्र, कहानी और शिक्षा का विश्लेषण कीजिए।
13	नारा लेखन	पर्यावरण संरक्षण पर नारे	5 नारे	पर्यावरण क्यों बचाना चाहिए ?	पर्यावरण संरक्षण के महत्व को ध्यान में रखते हुए आकर्षक और प्रेरणादायक नारे लिखिए।
14	समाचार लेखन	विद्यालय की घटना पर समाचार	समाचार प्रारूप	समाचार क्यों महत्वपूर्ण हैं ?	विद्यालय की किसी घटना को समाचार शैली में शीर्षक, स्थान और मुख्य जानकारी सहित लिखिए।
15	आत्मकथा लेखन	“यदि मैं एक पेड़ होता”	रचनात्मक लेखन	पेड़ों का महत्व ?	कल्पना कीजिए कि आप एक पेड़ हैं और अपने जीवन, उपयोगिता तथा भावनाओं को आत्मकथा के रूप में लिखिए।

CLASS 8 – MATHEMATICS

Day	Task	Working	Evidence	Reflection	Process
1	Budget Planner	Prepare a one-day family budget	Expense table	Which expense is most important ?	Observe the daily needs of your family and prepare a simple budget by listing expenses such as food, electricity, transport, and savings.
2	Room Measurement	Measure room and calculate area	Diagram with measurements	Why is measurement important ?	Measure the length and breadth of a room using a scale or measuring tape and calculate its area with proper labelling.
3	Maths in Kitchen	Find examples of fractions in cooking	List with explanation	How are fractions useful ?	Observe cooking activities in the kitchen and identify examples where fractions are used such as half cup, quarter spoon, etc.
4	Symmetry Hunt	Find symmetrical objects at home	Drawings	Which object looked interesting ?	Look around your home and identify objects that show symmetry. Draw them and mark the line of symmetry.
5	Shopping Bill	Create a bill with discounts	Bill calculations	Why do discounts attract buyers ?	Imagine purchasing items from a shop and preparing a shopping bill including discounts and final amount calculations.
6	Timetable Analysis	Analyze your daily routine	Pie chart	How can time be managed ?	Observe your daily activities and divide your time into categories like study, play, sleep, and entertainment. Represent them creatively.
7	Data Collection	Survey favourite fruits of 10 people	Bar graph	Which fruit was most popular ?	Conduct a small survey by asking 10 people about their favourite fruits and organize the collected data using a graph.
8	Pattern Design	Create patterns using shapes	Pattern drawing	Which pattern was difficult ?	Use geometrical shapes to create attractive mathematical patterns and designs creatively.
9	Number Puzzle	Create 5 maths puzzles	Questions with answers	Which puzzle was challenging ?	Create your own mathematical puzzles involving numbers, operations, or logic and solve them with answers.
10	Sports Statistics	Calculate average scores	Score table	Why are averages useful ?	Collect scores from any sport and calculate averages to understand player or team performance.

11	Floor Plan	Draw a floor plan using shapes	Drawing	Which shapes were used most ?	Observe the structure of your house and draw a simple floor plan using geometrical shapes and measurements.
12	Percentage Activity	Calculate discounts on products	Calculations	Where are percentages used ?	Look at prices of products during sales and calculate discounts and final prices using percentages.
13	Angle Hunt	Find angles around your home	Drawings with labels	Which angle is most common ?	Search for different angles around your home such as in doors, tables, windows, and clocks and identify their types.
14	Math Crossword	Create crossword using math terms	Crossword puzzle	Was creating clues difficult ?	Prepare a crossword puzzle using mathematical terms, symbols, and concepts with creative clues.
15	Profit and Loss	Calculate shop profit and loss	Calculations	Why is planning important ?	Imagine running a small shop and calculate profit or loss after comparing cost price and selling price.

CLASS 8 – SCIENCE

Day	Task	Working	Evidence	Reflection	Process
1	Kitchen Science	Perform a simple kitchen experiment	Aim, procedure and result	What did you learn from the experiment ?	Choose simple materials available in your kitchen and perform an easy science experiment by following proper steps and observing the result carefully.
2	Plant Observation	Observe a plant for changes	Observation table	Why are plants important ?	Observe a plant daily for changes in height, leaves, colour, or growth and record your observations systematically.
3	Science in Home Appliances	Explain working of 3 appliances	Drawings with explanation	Which appliance interested you most ?	Look at home appliances around you and understand how they work using scientific concepts like electricity, heat, or motion.
4	Water Conservation	Find ways to save water at home	List of methods	How can you save water daily ?	Observe water usage at home and identify practical methods to reduce water wastage in daily life.
5	Human Body Facts	Collect facts about any body system	Fact sheet	Which fact surprised you most ?	Select any human body system and collect interesting facts about its functions and importance for healthy living.

6	Weather Report	Record weather for 5 days	Weather chart	What pattern did you notice ?	Observe daily weather conditions such as temperature, clouds, rainfall, and wind for several days and record them properly.
7	Balanced Diet Chart	Prepare a healthy diet chart	Food chart	Why is a balanced diet important ?	Study healthy food habits and prepare a balanced diet chart including nutrients required for good health.
8	Waste Segregation	Separate biodegradable and non-biodegradable waste	Two-column table	Why should waste be segregated ?	Observe household waste and classify it into biodegradable and non-biodegradable categories for proper waste management.
9	Energy Sources	Compare renewable and non-renewable energy	Comparison table	Which source is better and why ?	Research different energy sources and compare renewable and non-renewable energy based on usage and environmental impact.
10	Shadow Activity	Observe shadows at different times	Drawings with timing	Why do shadows change ?	Observe shadows formed at different times of the day and note how their size and direction change with sunlight.
11	States of Matter	Observe examples of solids, liquids and gases	List with examples	Which state changes easily ?	Identify examples of solids, liquids, and gases around you and observe how matter changes from one state to another.
12	Science Poster	Make poster on environmental protection	Poster	What message does your poster give ?	Think about environmental problems and create an awareness poster showing ways to protect nature and surroundings.
13	Sound Around Us	List different sounds heard in a day	Sound record table	Which sound was most pleasant ?	Listen carefully to different sounds around you throughout the day and classify them based on source and intensity.
14	Future Invention	Design a useful scientific gadget	Diagram with explanation	How will it help people ?	Imagine a future scientific invention that can solve a daily-life problem and design it creatively with proper explanation.
15	Science Quiz Creator	Prepare 10 science quiz questions	Questions with answers	Which topic do you enjoy most ?	Revise your favourite science topics and prepare an interesting science quiz with questions and answers for others.

CLASS 8 – SOCIAL SCIENCE

Day ?	Task	Working	Evidence	Reflection	Process
1	Local Area Mapping	Draw a map of your locality	Labeled map	Why are maps useful ?	Observe your surroundings carefully and draw a simple map of your locality showing roads, parks, shops, schools, and important landmarks with proper labels.
2	Historical Character	Write about a freedom fighter	Short biography	What inspired you most ?	Read about any Indian freedom fighter and write about their life, struggles, achievements, and contribution to the nation.
3	News Reporter	Write report on a local issue	News report format	Suggest one solution ?	Observe a local issue in your area and write a news report using proper headline, place, and factual information.
4	Travel Planner	Plan a trip to any Indian state	Travel table and map	What did you learn about the place ?	Select any Indian state and plan an imaginary trip including transport, famous places, food, culture, and estimated travel details.
5	Constitution Facts	Collect facts about Fundamental Rights	Fact list	Which right is most important ?	Read about Fundamental Rights given in the Indian Constitution and prepare a fact list explaining their importance.
6	Community Problems	Identify issues in your area	Problem and solution table	How can students help society ?	Observe problems faced by people in your locality and think about practical solutions that students can help with.
7	Heritage Study	Research a monument of India	Picture with information	Why should heritage be protected ?	Research any famous Indian monument and collect information about its history, architecture, and cultural importance.
8	Disaster Management	Write safety measures during disasters	Safety chart	Which disaster is most dangerous ?	Learn about different natural or human-made disasters and prepare safety measures people should follow during emergencies.
9	Occupation Survey	Survey occupations of neighbours	Survey table	Which occupation is most common ?	Conduct a small survey in your neighbourhood to know different occupations and organize the information systematically.

10	Cultural Diversity	Describe festivals of different states	Festival chart	What makes India unique ?	Explore festivals celebrated in different Indian states and describe their traditions, food, dress, and cultural importance.
11	Role of Technology	Explore how technology helps in daily life, education, communication, and healthcare	Collect examples from home, school, and society; interview family members	How has technology changed our lives positively and negatively?	Observe how technology is used at home, school, hospitals, banks, and communication systems and collect real-life examples.
12	Barter System	Study the old system of exchange before money was introduced and Research examples of goods exchanged in ancient times; compare barter and modern money system	Timeline chart of barter system to modern money (currency)	Why was the barter system replaced by money? What problems did people face in barter trade?	Study how people exchanged goods before money existed and compare the barter system with the modern money system.
13	Democracy Poster	Design poster on democracy	Poster with slogan	Why is democracy important ?	Think about the importance of democracy and create an awareness poster using slogans and creative ideas.
14	Population Study	Observe population-related problems	Observation notes	What problems arise due to overpopulation ?	Observe population-related problems around you such as traffic, pollution, crowding, or lack of resources and record your observations.
15	Time Travel Interview	Interview a historical personality	Questions and answers	What lesson did you learn ?	Imagine interviewing a historical personality and prepare meaningful questions and answers based on their life and achievement.

1) Draw the mind map of the chapters: Ch: Reshaping India during Medieval Period Part (A,B), 2) Learn Ch: The rise of the Maratha and underline the hard words 3) Learn the PT2 syllabus

CLASS 8 – COMPUTER

Day	Task	Working	Evidence	Reflection	Process
1	Computer Generations	Research computer generations	Chart or table	Which generation is most advanced ?	Research the different generations of computers and identify the major technological developments and features of each generation.
2	Keyboard Shortcut Hunt	Learn useful shortcuts	Shortcut list	Which shortcut saves the most time ?	Explore commonly used keyboard shortcuts and practice how they help in completing tasks quickly and efficiently.

3	Digital Poster	Create poster on cyber safety	Poster	Why is cyber safety important ?	Think about online safety and design a creative digital poster showing ways to stay safe while using the internet.
4	Artificial Intelligence	Write applications of AI in daily life	Project report	Can AI replace humans completely ?	Understand uses and impact of AI
5	Coding Logic	Write simple coding instructions	Step-by-step commands	Was logical thinking easy ?	Think logically and write simple step-by-step coding instructions for performing a basic task or activity.
6	Computer Parts	Draw and label computer parts	Diagram	Which part is most important ?	Observe a computer system carefully and draw its important parts with proper labels and functions.
7	Internet Uses	Write uses of internet in education	Information chart	How does the internet help students ?	Explore how students and teachers use the internet for learning, research, communication, and online classes.
8	Email Writing	Draft a formal email	Email format	Why is email communication useful ?	Learn the format of a formal email and draft an email for any official purpose using proper language and structure.
9	AI in Daily Life	Identify uses of AI around you	List with explanation	Which AI tool is most useful ?	Observe daily life activities and identify where Artificial Intelligence is used in apps, devices, shopping, or communication.
10	Digital Footprint	Explain digital footprint with examples	Poster	Why should we protect personal information ?	Understand online privacy and safety
11	Presentation Design	Plan a 5-slide presentation topic	Slide outline	Which topic would you present ?	Select an interesting topic and plan a presentation by organizing ideas slide by slide with headings and visuals.
12	Cyber Crime Awareness	Collect information on cyber crimes	Information table	How can cyber crimes be prevented ?	Research different types of cyber crimes and collect information about ways to stay protected online.
13	Website Review	Review an educational website	Review notes	Which feature did you like ?	Visit or explore any educational website and review its usefulness, design, features, and learning content.

14	Digital Etiquette	Write rules for online behaviour	Rule list	Why should people behave responsibly online ?	Think about responsible online behaviour and prepare rules that people should follow while using digital platforms.
15	Future Technology	Describe future technology ideas	Creative write-up	Which future technology excites you most ?	Imagine future technologies that may change human life and describe their features, uses, and benefits creatively.

CLASS 8 – SANSKRIT

Day	Task	Working	Evidence	Reflection	Process
1	आत्मपरिचयः	संस्कृत में अपना परिचय लिखें व याद करें।	10 वाक्यानि	संस्कृत लिखने में कैसा लगा ?	अपने नाम, परिवार, विद्यालय, रुचियों आदि के बारे में सोचकर संस्कृत में सरल वाक्यों द्वारा आत्मपरिचय लिखिए एवं अभ्यास कीजिए।
2	चित्रवर्णनम्	चित्र देखकर वर्णन लिखिए	चित्र एवं वर्णनम्	चित्र से क्या समझ आया ?	किसी चित्र को ध्यानपूर्वक देखकर उसमें दिखाई देने वाले दृश्य, वस्तुएं और गतिविधियों का संस्कृत में वर्णन कीजिए।
3	शब्दरूपाणि	‘तृ’ शब्दरूप (तीनों लिंगों में) लिखें व याद करें।	सारणी	कौन-सा शब्द कठिन लगा ?	‘तृ’ शब्द के तीनों लिंगों के रूपों को तालिका बनाकर लिखिए तथा उनका अभ्यास कीजिए।
4	धातुरूपाणि	1 धातुरूप लिखिए (पाँच लकारों में) लिखें व याद करें।	सारणी	धातुरूप क्यों महत्वपूर्ण हैं ?	किसी एक धातु के पाँच लकारों में रूप लिखकर उनके प्रयोग को समझने का प्रयास कीजिए।
5	श्लोकलेखनम्	कोई श्लोक लिखकर अर्थ लिखिए	श्लोक एवं अर्थ	श्लोक से क्या शिक्षा मिली ?	कोई सरल संस्कृत श्लोक चुनकर उसे सुंदर लेखन में लिखिए तथा उसका अर्थ समझिए।
6	संस्कृतसंवादः	दो छात्रों के बीच संवाद लिखिए	संवाद (संक्षेप में)	संवाद का मुख्य विषय ?	दो छात्रों के बीच किसी सामान्य विषय पर संस्कृत में छोटा संवाद तैयार कीजिए।
7	फलानां नामानि	10 फलों के नाम लिखिए	सूची एवं चित्र	कौन-सा फल प्रिय है ?	विभिन्न फलों के नाम खोजकर संस्कृत में लिखिए तथा उनके चित्र बनाइए।
8	पशूनां नामानि	10 पशुओं के नाम लिखिए	सूची एवं चित्र	कौन-सा पशु उपयोगी है ?	विभिन्न पशुओं के नाम संस्कृत में लिखिए एवं उनके उपयोग या विशेषता को समझिए।

9	विद्यालयवर्णनम्	अपने विद्यालय का वर्णन (लिखें व याद करें)	5 वाक्यानि	विद्यालय की विशेषता ?	अपने विद्यालय के भवन, कक्षाओं, मैदान आदि का संस्कृत में सरल वर्णन लिखिए।
10	परिवारवर्णनम्	अपने परिवार का वर्णन (लिखें व याद करें)	5 वाक्यानि	परिवार क्यों महत्वपूर्ण है ?	अपने परिवार के सदस्यों के बारे में संस्कृत में वाक्य लिखकर परिवार का महत्व समझिए।
11	संस्कृतगीतं	संस्कृत गीत लिखिए	गीत लेखनम्	गीत से क्या प्रेरणा मिली ?	कोई सरल संस्कृत गीत खोजकर उसे लिखिए तथा उसका अभ्यास कीजिए।
12	पर्यावरणम्	पर्यावरण पर वाक्य लिखिए (लिखें व याद करें)	5 वाक्यानि	पर्यावरण क्यों बचाना चाहिए ?	पर्यावरण संरक्षण के महत्व को समझते हुए संस्कृत में छोटे-छोटे वाक्य लिखिए।
13	समयलेखनम्	संस्कृत में समय लिखना	समय सूची	समय का महत्व ?	घड़ी देखकर विभिन्न समयों को संस्कृत में लिखने का अभ्यास कीजिए।
14	लघुकथा	छोटी संस्कृत कहानी लिखिए	कहानी	कहानी से शिक्षा ?	किसी नैतिक शिक्षा पर आधारित छोटी संस्कृत कहानी की कल्पना करके लिखिए।
15	पुनरावृत्ति:	सीखे गए कार्यों का पुनरावर्तन	अभ्यास कार्य	कौन-सा कार्य सबसे अच्छा लगा ?	

CLASS 8 – SKILL (15 DAYS PROJECT) Topic: Hydroponics - Tulsi (Holy Basil)

Day	Task	Working / Activity	Evidence	Skill (Kaushal)	Bodh (Understanding)	Reflection
1	Introduction to Hydroponics	Study what is hydroponics and its types	Notes + Pictures	Research & Information Collection	Plants can grow without soil using nutrient water	What is the advantage of hydroponics over soil gardening?
2	Tulsi Plant Collection	Collect healthy Tulsi cuttings (10-12 stems)	Cutting Chart + Photos	Observation & Selection	Healthy stem cuttings root faster	Why do we use cuttings instead of seeds for Tulsi?

3	Preparation of Nutrient Solution	Prepare homemade nutrient solution (using compost tea, vermicompost leachate, or hydroponic nutrients)	Nutrient Solution Photo + Recipe	Solution Preparation & Measurement	Plants need specific nutrients (N, P, K) in water	Why is balanced nutrient solution important?
4	Hydroponic Setup Making	Make a simple Kratky or Wick system using bottles, buckets or trays	Photo of Setup + Diagram	Designing & Construction	Proper aeration and root support is necessary	What problems can occur if setup is not proper?
5	Planting Tulsi Cuttings	Place cuttings in hydroponic setup	Photo of Planted Cuttings	Planting Technique	Cuttings need stable support and proper water level	What care is needed while planting in water?
6	Light & Oxygen Requirement	Study and arrange proper light and aeration	Light & Aeration Diagram	Experiment & Analysis	Light is needed for photosynthesis; oxygen for roots	Why is oxygen important for roots in hydroponics?
7	Growth Observation - Week 1	Record root development and new leaves	Growth Chart + Daily Photos	Measurement & Systematic Observation	Roots grow faster in hydroponics	What changes did you observe in the first week?

8	pH and Water Quality Check	Test and maintain pH of nutrient solution	pH Observation Table	Testing & Adjustment	pH affects nutrient absorption	Why should pH be maintained between 5.5–6.5?
9	Nutrient Management	Change/refill nutrient solution	Solution Change Log	Monitoring & Maintenance	Regular nutrient supply is essential	What happens if nutrients are not changed?
10	Regular Hydroponic Care	Daily monitoring of water level, leaves and roots	Observation Table	Nurturing & Responsibility	Consistent care leads to faster growth	What improvements did you notice after regular care?
11	Pest & Disease Control	Identify problems and use organic spray (neem)	Drawings + Notes	Problem Solving	Even in hydroponics, pests can attack	How can we control pests naturally in hydroponics?
12	Comparison: Hydroponics vs Soil	Grow one Tulsi plant in soil for comparison	Comparative Chart + Photos	Comparison & Critical Thinking	Hydroponics saves water and space	Which method is better and why?
13	Medicinal Importance of Tulsi	Study uses and benefits of Tulsi	Information Chart + Drawings	Research & Creativity	Tulsi has medicinal properties (adaptogen, immunity booster)	Why is Tulsi called the “Queen of Herbs”?
14	Project Poster Making	Create “My Hydroponic Tulsi Garden” poster	Attractive Poster	Creativity & Presentation	Summarising scientific process visually	What is the main message of your poster?

15	Quiz Making & Final Report	Prepare 10 questions + complete project report	Questions & Full Report	Self Assessment & Communication	Overall learning from hydroponics project	Which part of the project did you enjoy the most? What did you learn?
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Project Guidelines for Class 8:

- Use transparent plastic bottles, jars, or buckets for easy root observation.
- Take clear photographs on Day 1, Day 7, and Day 15.
- Maintain a daily observation notebook.
- Use real samples, diagrams, charts, and photos as evidence.
- Present live hydroponic Tulsi plants along with the project file at the end.

NOTE- ZERO GADGET TIME- There will be zero gadget time for all the family members from 8PM- 7AM and 12 PM- 2PM, you will motivate them for this and for you the special zero gadget time will be from 7AM- 11AM, 6PM- 7AM, you parents will write a note on weekly basis that you have followed this rule of zero gadget.

THANK YOU!



Have a Wonderful Summer Vacation!

“
Summer Vacation
is the time to relax,
have fun,
learn new things,
and make
beautiful memories!”

