



VIDYASHILP EDUCATION TRUST'S

VISTARA WORLD SCHOOL

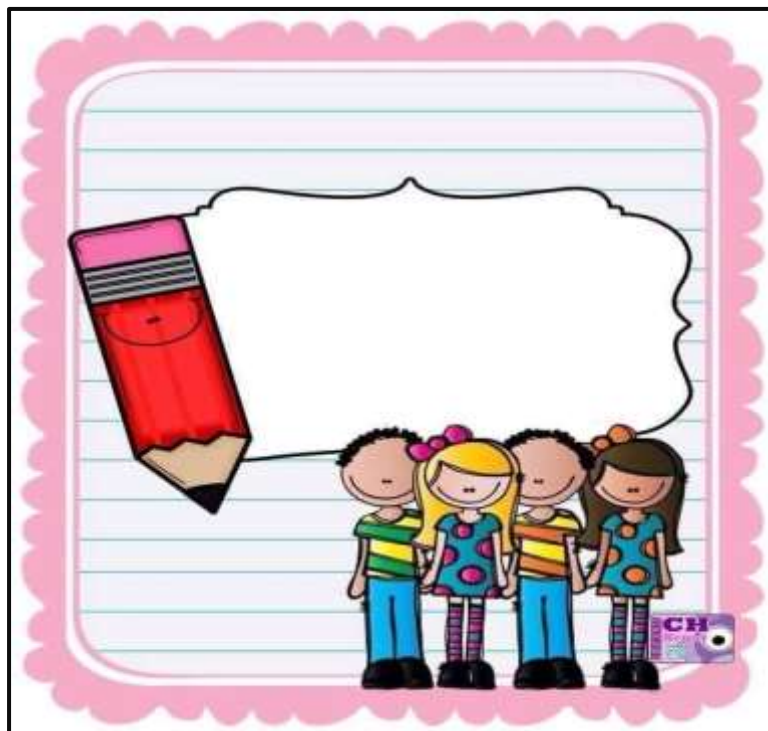
SUMMER VACATION ASSIGNMENT

Session 2024-2025

Grade-X



Developing My Skills



“Sunny days are here again. It’s time to relax and rejuvenate, play indoors with your mate and enjoy ice cream and shakes throughout the day.”



Dear Parents,

Kids look forward to the summer vacation all year long. They look forward to having loads of fun and family time. With summer vacation right around the corner, it’s time to keep the children positively engaged. Holidays are time when you can connect with your child in many ways. As parents are the first and most important teacher for a child, you can encourage your child to participate in many educational activities at home and promote your child’s quest to learn. Working together will not only help your child to build, learn, and develop skills but also strengthen your bond with your child. This summer break try and make a difference:

Please consider engaging your child in these activities to insure they continue to learn and grow during the summer months.

- **Be a Friend** *(To develop emotional Quotient)*: You can play games with your child. Games like Ludo, Carrom board, and Scrabble, keep the children entertained and engaged.
- **Be Aware of Their Surroundings** *(To develop social skills)*: Encourage them to watch various informative T.V channels like Discovery, National Geographic channel and Animal Planet.
- **Inculcate a Sense of Responsibility** *(To develop Self Help)* : Even the little ones can be taught to do small jobs and develop a sense of responsibility. They can undertake activities like laying the table, filling the water bottles, dusting, watering plants, taking care of their pet, cleaning their cupboard, arranging their toys etc.

● **The child should** *(To develop inter-personal skills)*

- Be polite and speak softly.
- Use four magic words: Thank you, sorry, please and excuse me.
- Greet everyone with courtesy.
- Share things with everyone.

**Give me the joys of summer,
Of SUMMER QUEEN so fair,
With wealth of lovely flowers
And fruits and sun-kissed air!**

Let's create, read, write and have fun!!



(1) Read English newspapers OR watch the evening news daily. Choose any news during the break period and write a report on the news story.

(2) Identify at least two new words every day in the duration of this break and form at least two sentences using each of these. In case a word has multiple meanings, the sentences should cater to the two different meanings.

(3) Work towards increasing the quality of your presentation by practicing handwriting. You are required to write at least 15 pages of content (of your own choice) in your best handwriting, focusing on other aspects of presentation as well, like drawing margins, writing

the date, and so on.

(4) Watch any movie/ documentary which has kindness as its main theme and write the review on the following topics:-

- (a) Name of the Movie (b) Cast and crew (c) Plot
(d) Climax (e) Ending (f)

Suggest an alternative ending to the story

(g) Suggest an alternative title for the movie.

(5) Here is the list of 15 Idioms given with their meanings below.
Frame sentences using each.

IDIOMS

DEFINITION OR SYNONYM

- | | | |
|-----------------------|---|---|
| *big shot | - | important person |
| *bite the bullet | - | accept painful but necessary action |
| *bite the dust | - | be killed, die , suffer defeat |
| *black sheep | - | a good-for-nothing member of the family |
| *blow it | - | lose the chance |
| *break the ice | - | overcome awkwardness or shyness |
| *by hook or crook | - | by any possible means |
| *bring home the bacon | - | earn a living for the family |
| *carry weight | - | be important |
| *close call | - | a narrow escape, a bad thing that almost happened |
| *castles in the air | - | daydreaming about success |

- *down to earth - humble
- *draw the line - set a limit
- *eat one's words - take back one's words
- *false alarm - untrue rumor

(6) Make a comic strip presentation depicting pollution-related problems and also suggest how the problem can be solved by using clean energy resources-e.g Solar, Wind, Hydro, Geothermal, and Bio-Gas.





1) Make a project on magic square, which can be solved using the concept of linear equations. For example, the following are some magic squares with the magic number written below each square.

	3	14
13		
	15	8

$n = 27$

10	3	
5		9
	11	4

$n = 21$

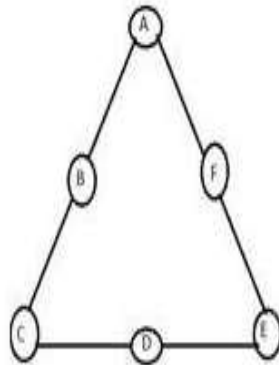
9	2	
12	8	

$n = 24$

2) Fill in the grid so that every row, every column and every block of 3×3 contains digits from 1 to 9. Some digits have already been provided. Make sure there is no repetition of digit in any row or column or block.

	2				6			8
				4		5		
	4		2		7			
		2		8			9	1
					9	6		
8			1	3			2	
	8				2			4
					1		6	
	5		3			8		

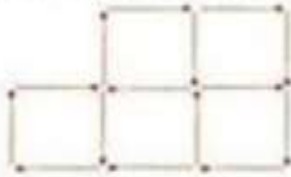
(3) Replace the letters in the puzzle with digits from 1 to 9 (without repetition) such that the sum of numbers on each side of triangle is 15.



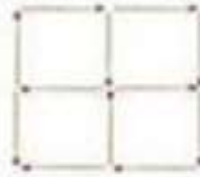
(4) Solve the matchstick puzzle by moving as many matches as directed and create as many squares as requested.

Matchstick Puzzles - #1

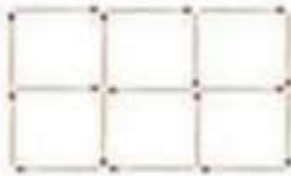
1. Leave just three squares by removing three matchsticks.



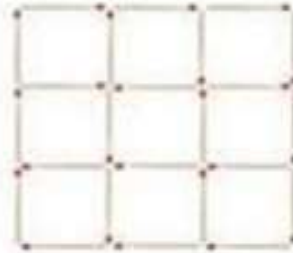
4. Leave just two squares by removing two matchsticks.



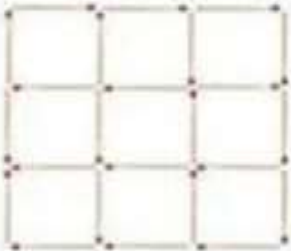
2. Leave just three squares by removing five matchsticks.



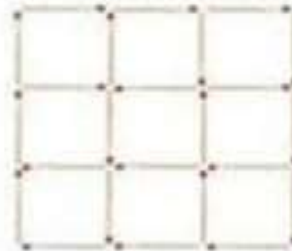
5. Leave just six squares by removing eight matchsticks.



3. Leave just two squares by removing eight matchsticks.



6. Leave just three squares by removing six matchsticks.





(1) Under the guidance of your elders, make arrangements for the formation of curd.

- Write the procedure in your notebook.
- Also mention the microorganism involved in formation of curd.



(2) Discuss with your parents about the consumption of LPG cylinder and

a) Mention the number of days your family use one LPG cylinder.



b) What practices must be adapted to reduce the consumption of LPG cylinder.

(3) Do all the questions of Chapter-1 (Chemical Reactions and Equations), Chapter 6 (Life processes) and Chapter 10 (Light) from the last 2-year (2022,2023) CBSE Question Papers.

(3) Portfolio Activity:

- Presentable, Hand written project.
 - Submit just after summer vacations
- STEPS Based on the chapter, ' Sustainable Management of Natural Resources'. Find data and make a case study on any one of the topics given below.

Sequence:

- Introduction to topic
- Main content (Write the data and the real work which is being done for the particular topic in our country, quote examples, real cases, data etc. Give headings to this content as per your work)
- Related pictures should be added
- Conclusion (Write what you have understood about the topic. You can also write suggestions or your ideas)

TOPICS:

1. Conservation of our environment and natural resources.
2. Ganga Action Plan.
3. Role of local people in management of natural resources.
4. Movements to protect natural resources. (INDIA)
5. Rain water harvesting system.
6. Narmada Bachao Andolan.
7. Yamuna bachao andolan
8. Latest Bharat stage emission standards
9. Ways in which our consumption of coal and petroleum products be reduced.



Theme-Based Projects:

- **History & Civics:** Research a social or political movement in India (e.g., Independence Movement, Chipko Movement) and analyze its impact on society and governance.



OR

- Research the national symbols (flag, anthem, emblem) of different European countries. Create a presentation or a poster showcasing these symbols and explaining their significance in fostering national identity.
- **Geography & Economics:** Choose a specific industry in India (e.g., agriculture, IT) and explore its geographical distribution and economic impact.
- Research a global challenge (e.g., climate change, poverty) and analyze its social, political, and economic implications. Propose potential solutions.
- **Civics: Power Sharing Through the Ages:** Create a timeline or a flow chart showcasing the evolution of power-sharing mechanisms throughout history, starting from ancient democracies to modern-day examples.
- **Benefits of Power Sharing:** Design a poster or an infographic highlighting the benefits of power sharing in a democracy. Use visuals and clear explanations to make the message impactful.



मराठी अक्षरभारती

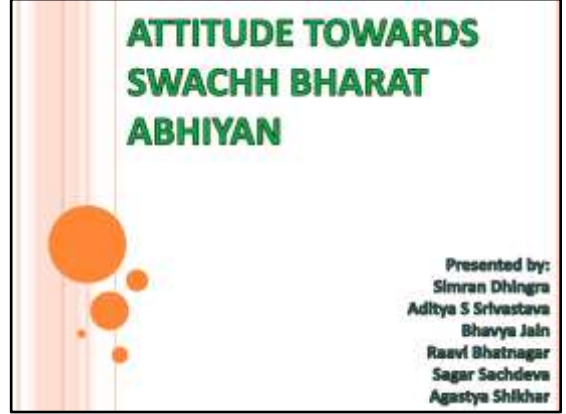
(१) संत, त्यांची साहित्यसंपदा (ग्रंथ), प्रमुख अभंग यांचा तक्ता तयार करणे. (उदा. संत ज्ञानेश्वर, तुकाराम, संत रामदास, संत चोखामेळा, संत नामदेव) (On A4 size paper)

(२) आंतरजालाच्या साहाय्याने मराठी साहित्यातील साहित्यिक, त्यांचे लेखनसाहित्य यांचा तक्ता तयार करणे. (उदा. वि. स. खांडेकर – ययाती, वि. दा. सावरकर – माझी जन्मठेप, कुसुमाग्रज – विशाखा) (On A4 size paper)

Information Technology

Prepare a presentation on '**Namami Gange Programme**' project. Use theme, picture, graph, table, animations, transitions etc

- Introduction (Title, Theme, Logo etc)
- The river Ganga: A National Treasure
- Challenges Faced by the Ganga
- The Pillars of Namami Gange (Project details)
- Call to Action
- The Future of Namami Gange
- Conclusion



१. निम्नलिखित विषय पर अनुच्छेद लेखन कीजिए।

- खेलों का जीवन में महत्त्व
- इंटरनेट



२. अपठित गद्यांश और उसके बहुविकल्पात्मक प्रश्न अपने शब्दों में लिखिए।

Have a great



VaCation!