



VIKASH GROUP OF INSTITUTIONS

SUMMER VACATION ASSIGNMENT

Session 2024-2025

Class: IX

ENGLISH

- (1) Read English newspaper OR watch the evening news daily. Choose any news during the break period and write a portion of the news story.
- (2) Identify at least two new words everyday 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 soon.
- (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 the living for the family
*carry weight	-	be important
*close call	-	a narrow escape, a bad thing that almost happened
*castles in the air	-	day dreaming 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) You have read the lesson "The lost child" and come to know about the importance of festivals in villages. Summer is a time of festivals in different regions. Visit to the festivals/Meals in your area, take photos and paste those in project papers with details on the importance and significance of it or the events in it. Try to analyze the festivals and the culture associated with it. (500 words)



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HINDI

- 1- यातायात की सुविधा हेतु अत्याधुनिक सड़क निर्माण का पर्यावरण पर प्रभाव - विषय पर लगभग 100-150 शब्दों में एक लेख लिखिए ।
- 2- पाठ 'दुख का अधिकार' की आधार पर गरीब बुढ़िया माँ के चारित्रिक विशेषताएं बताए ।
- 3- रैदास के पदों में भक्त और ईश्वर के प्रेम की व्याख्या को अपने शब्दों में वर्णन कीजिए ।
- 4- अनुस्वार युक्त 10 शब्द लिखिए । अनुनासिक युक्त 10 शब्द लिखिए ।
- 5- स्वेच्छा से कोई एक सुंदर चित्र बनाकर उसके बारे में वर्णन कीजिए ।
- 6- अपने इलाके के किसी विशिष्ट व्यक्ति से मुलाकात कीजिए और उनके साक्षात्कार को लिखित रूप में प्रस्तुत कीजिए ।
- 7- दिए गए प्रारूप के अनुसार अपना पोर्टफोलियो बनाइए ।

विद्यालय का नाम

पोर्टफोलियो

छात्रकाफोटो

छात्र की सूचना

- छात्र / छात्रा का नाम : _____
 - जन्मतिथि : _____
 - छात्र / छात्रा की उम्र : _____
- कक्षा वर्ग

- क्रमसंख्या : _____
- विद्यालय का नाम : _____
- विद्यालय में प्रवेश तिथि : _____
- विद्यालय में प्रवेश संख्या : _____
- लंबाई : _____
- भार : _____
- रक्त समूह : _____
- रंग : _____
- आधार संख्या : _____

पारिवारिक सूचना

- ❖ माता का नाम: _____
- ❖ माता की शैक्षिक योग्यता: _____
- ❖ संपर्क दूरभाष : _____
- ❖ पिता का नाम: _____
- ❖ पिता की शैक्षिक योग्यता: _____
- ❖ संपर्क दूरभाष: _____
- ❖ परिवार के सदस्यों की संख्या : _____
- ❖ भाई-बहन की संख्या : _____
- ❖ परिवार की मासिक आय : _____
- ❖ घर का पता : _____

छात्र / छात्रा के अपने जवाब

Q1. आपको किन चीजों से ज्यादा लगाव है?

Ans° _____

Q2. आपके क्या शौक हैं?

Ans° _____

Q3. आपका प्रिय खेल कौन-सा है?

Ans° _____

Q4. आप अपने घर के किस सदस्य से ज्यादा प्यार करते हैं?

Ans° _____

Q5. आप भविष्य में क्या बनना चाहते हैं?

Ans° _____

Q6. आपके प्रिय शिक्षक / शिक्षिका कौन हैं ?

Ans° _____

Q7. आपको किस चीज़ से ज्यादा डर लगता है?

Ans° _____

Q8. आपको किस बात पर जल्दी गुस्सा आता है ?

Ans° _____

Q9. आप अपने घनिष्ठ मित्र का नाम बताइये।

Ans° _____

Q10. आपको अपने मित्र के कौन से गुण अच्छे लगते हैं?

Ans° _____

- अब तक की अपनी उपलब्धियों को सचित्र (प्रमाण पत्र के फोटो) प्रस्तुत करें।
- अपने दोस्तों के साथ बिताए पलों की यादों के फोटो चिपकाकर प्रस्तुत करें।

• **Note – Write all in A4 Papers**



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MATHEMATICS:

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.

	4	0
	6	5

n = 12

	3	14
13		
	15	8

n = 27

9	2	
12	8	

n = 24

10	3	
5		9
	11	4

n = 21

2. Fill in the grid so that every row, every column and every block of 3 x 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			1			6	
7	5			3			4	8
		6	9	8	4	3		
		3				8		
9	1	2				6	7	4
		4				5		
		1	6	7	5	2		
6	8			9			1	5

3. Construct a square root spiral of $\sqrt{5}$ in a color paper.
4. Prepare your own mathematical Pouch containing different Algebraic identity cards and theorem cards as your treasure.
5. Write practical utility of mathematics in different non mathematical professions like lawyer, Doctor, ART, Dance, Music etc

6. Mathematics Art Integrated Project: Save Energy

Conduct a survey on consumption of Electricity, Water and Fuel in your locality. Statistically and graphically represent and compare the data. Suggest different ways of saving energy. The project should be multi-disciplinary i.e. integrate Mathematics/Geometry with Science, English, S.Sc, Fine Art, Computer etc.



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SCIENCE:

CHEMISTRY:-

1. **Make model of arrangement of molecules in Solid, Liquid, and gas.**
(Using the available source at your home)
 - a. Tabulate the difference in the characteristics of state of matter.
 - b. Comment upon the following:
(Rigidity, compressibility, Fluidity, filling of gas contains shape, kinetic energy and density)
 - c. Draw a mind map for classification of matter.

PHYSICS:-

1. Collect the information about the speeds of public transport like cars, buses, trains, aeroplane and ships. Collect the names of latest inventions in the field of transport technology.
2. Collect the pictures of various speed measuring devices used in our day to day life.

BIOLOGY:-

1. Make a list of some examples of Osmosis and Diffusion in different physiological processes in the body of an Organism with pictorial representation in A4 size paper folder.
2. Write a report on basis of your study on (i) Green revolution in India.
(i) Operation flood or White Revolution in India.

Points –

- i. History
- ii. Significance
- iii. Scientists working
- iv. Impact on health of people in India.



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SOCIAL SCIENCE:

- 1. History IX-** Visit to a nearby jail and collect the information related to its security system and life of the prisoners.
- 2. Pol.sc - IX-** Collect the data on democratic and non democratic decisions in the contemporary Mexico.
- 3. Geography IX -** Prepare a data bank of political and economical facts of all the first seven largest countries of the World.



- What is going on in these picture?
- What do you see that makes you say that?
- What story does the series of photographs tell?
- Are you able to get a sense of how the virus is transmitted? What do you notice people doing to contain the virus?
- What do you notice about how the outbreak affected celebrations?
- What other questions do you still have? Write it.

(7) Answer the following questions and write an Article on the crucial topic of Corona Virus

- Why has there been so much panic and fear in response to the corona virus?
- Why hasn't the World Health Organization declared a global health emergency?
- How did some of the physicians support the W.H.O.'s decision? (On Jan. 30, the W.H.O declared a Global Health Emergency)
- What led W.H.O to make that decision?
- How were scientists able to identify how the virus is transmitted? What conclusions have the Chinese Center for Disease Control and Prevention been able to reach through its observation and study?
- How is the corona virus similar and different from other epidemics like SARS and MERS? How does it compare with annual influenza outbreaks? What do these comparisons tell us about how dangerous this new virus is?
- How did the outbreak initially happen, and why has it been so difficult to contain?



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Do as Directed.

1. Complete all the Notes including exercises.
2. Practice and answer the following questions.

Important questions:

1. What do you understand by Communication?
2. What are the Importance of communication skill?
3. Draw and Explain each steps involves in communication cycle?
4. What do you understand by Perspectives in Communication?
5. Discuss the different types of Barrier in communication process?
6. What is 7 C's of Communication? How it is important?
7. What is non-verbal communication? Discuss at least 4 types of non-verbal communication.

Write down the conversation based on the following situation:

8. Situation 1: At the Railway station Ticket Booking counter. The single window operator or the employee can not understand Hindi language. He/she only understand English but you can't. What to do?
9. Situation 2: Your friend is so upset due to not completed his/her holiday homework in time. So teacher scolded him. Keeping in mind his / her situation writes the conversation?
10. Situation 3: A blind man asks for your help. Do you want to help him. If yes, write how to communicate with him. If No. What should be your replay?
11. Situation 4: you have a quarrel with your brother in the morning. But by the next moment you realized that you should not talk to him like that. So how can you start your communication?
12. Situation 5: you are working in a software company? Your Boss scolded you in front of other employee, so what will be your reaction? Do you want to talk to him or not? If Yes, Explain your conversation?
