

English

1. Subject Enrichment Activities (for all)

Read the following novels:

- 'The Invisible Man'
- 'Frankenstein'

Compare and contrast the characters of the over-ambitious scientists Griffin and Victor Frankenstein.

Compare yourself with the protagonists of the novels, and write a paragraph about what you would have done differently if you were there in their situation. (Do it in an A4 sheet and keep in a folder)

2. Art - integrated project (for all)

Create a travel brochure promoting tourism in Arunachal Pradesh. It should include the descriptions of attractions, local cuisines, festivals, attires, dance forms, sports, languages and activities, as well as photos or illustrations of the same. Include descriptive language, images, and persuasive writing to entice readers to visit.

Link is given below for reference.

(<https://youtube.com/shorts/z0Wm7hdIcUc?si=3KrCtSKj0qUvctYv>)

3. Write a Diary Entry narrating your experiences during summer vacation. It should contain the entries for 10 days. You are required to sketch or paste related pictures (To be done in an A4 sheet and kept in a folder) (for all)

4. (Roll no 18)- Digital Storytelling:

Create a digital story using multimedia elements such as images, videos, and narration. You can choose a summer memory or fictionalize an adventure, focusing on storytelling techniques and effective use of technology.

https://youtube.com/shorts/wZkQ5orVqwI?si=T_esY4MQ6Q3QsApy

Prepare a speech (in 150 - 200 words) and a presentation on **Perseverance** : Sharing stories of individuals who have overcome challenges through persistence and determination.

(Roll no 9-16)- Create a Summer Recipe Book:

Collect and write down your favourite summer recipes, along with personal anecdotes or memories associated with each dish, in a recipe book. Click pictures of you preparing the dishes or the photos of the dishes, and paste them also in the recipe book.

https://youtu.be/4D3MtUd2kWc?si=v4ZO_f-pyoL4sCID

Prepare a speech (in 150 - 200 words) and a presentation on **Integrity** : Discussing the importance of honesty and doing the right thing, even when no one is watching.

(Roll no 17-24)-Transform a fictional character into a puppet:

Prepare a biographical report of your favourite fictional character. Then prepare a hand puppet / finger puppet / stick puppet, related to the character and record a video of your puppet narrating the biographical report.

https://youtu.be/Ef6L7d_ognI?feature=shared

Prepare a speech (in 150 - 200 words) and a presentation on **Empathy** : Learning to understand and share the feelings of others, and how it contributes to building strong relationships.

(Roll no 25-32)-Travel Blogging:

Pretend you're a travel blogger and write a series of blog posts about your adventures in different countries. Include personal anecdotes, recommendations, enticing pictures of famous tourist destinations and tips for fellow travellers. (Link shared for presentation purpose).

<https://youtu.be/6gZoRzU7rR0?si=SZFjbEHG4ztFF8em>

Prepare a speech (in 150 - 200 words) and a presentation on **Courage** : Discussing different forms of courage, including physical, moral, and emotional bravery.

(Roll no 33-38)-Vlogging

Create a video for 1 minute on a new experience you have had, or a new place you have visited during the holidays. It should be recorded in your voice and also include the descriptions of attractions, local cuisines, activities, recommendations, as well as enticing photos or illustrations.

<https://youtu.be/2JbtLIQ8dJc?si=kLvDcUmrpfJ9Ib7I>

Prepare a speech (in 150 - 200 words) and a presentation on **Respect**: Examining the value of respecting oneself, others, and the environment.

Please find the Word Bank for Spellathon below:

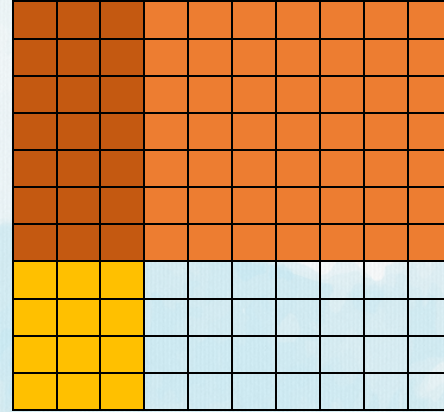
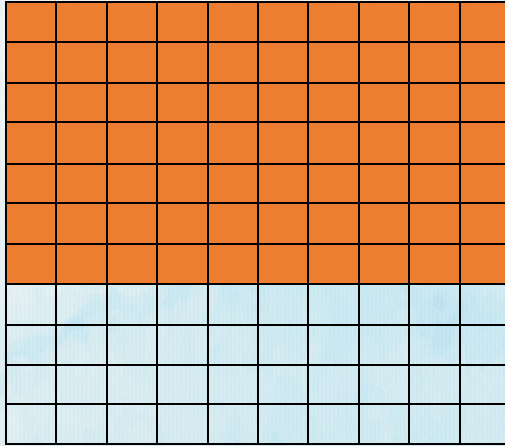
The first round will be a written round to be conducted in Month of July. The students will be required to write a total of 20 words, along with the antonyms and two synonyms for the words. 4 out of the 20 words will be given from external sources, and 16 from the

Word Bank given below.

Sr. No.	Word	Synonyms	Antonym
1.	Adamant	Unyielding ,firm	Flexible
2.	Affluent	Wealthy, rich	Destitute
3.	Adolescence	Immature, youth	Adulthood
4.	Belligerent	Aggressive, hostile	Friendly
5.	Benevolent	Generous, charitable	Merciless
6.	Criticism	Assessment, review	Compliment
7.	Consequence	After effects, results	Commencement
8.	Dapper	Smart, dashing	Shabby
9.	Dauntless	Brave, fearless	Scared
10.	Expedition	An organised journey for a particular purpose	Halt
11.	Emancipate	Free from slavery, liberate	Confine
12.	Exaggerated	Overdo, overstate	Compress
13.	Egregious	Intolerable, atrocious	Mild
14.	Groggy	Unsteady, unstable	Stable
15.	Illusions	Misconception, delusion	Reality
16.	Halcyon	Quiet ,tranquil	Agitated
17.	Hypothetical	Deceptive, speculative	Genuine
18.	Hysteria	Frenzy, Chaos	Peace
19.	Indigent	Poor enough to need help from others	Affluent
20.	Idealistic	Radical, optimistic	Realist
21.	Jeopardize	Endanger, Threaten	Protect
22.	Kinetic	Energetic, Active	Inactive
23.	Languish	Fade, Wither	Recover
24.	Lustrous	Shining, Luminous	Dull
25.	Melancholy	Mournful, despair	Pleasant

26.	Monotonous	Boring , tedious	Lively
27.	Mundane	Ordinary , dull	Extraordinary
28.	Nonchalant	Casual, Aloof	Concerned
29.	Notorious	Infamous, Dishonourable	Respectable
30.	Oblivious	Unaware, Ignorant	Conscious
31.	Orthodox	Traditional, Conservative	Progressive
32.	Outlandish	Bizarre, Outrageous	Ordinary
33.	Petrified	Extremely frightened	Gallant
34.	Personable	Pleasant in manner	Unpleasant
35.	Quaint	Antique, Old-Fashioned	Modern
36.	Quirky	Weird, offbeat,	Standard
37.	Reverie	Meditation, daydream	Neglect
38.	Reprimand	Rebuke, scold	Praise
39.	Rampant	Widespread, epidemic	Controlled
40.	Reluctant	Hesitant, unwilling	Enthusiastic
41.	Stubborn	Adamant, obstinate	Flexible
42.	Savant	A learned person, genius	Amateur
43.	Satiate	Satisfaction , fulfil	Deprive
44.	Sagacious	Clear sighted, wisdom	Ignorant
45.	Taciturn	Reticent, reserved	Talkative
46.	Triumphant	Victorious , successful	Disappointed
47.	Tangible	Touchable, concrete	Intangible
48.	Uncanny	Mysterious, Strange	Normal
49.	Vague	Ambiguous, Unclear	Clear
50.	Wallow	Indulge, pamper	Avoid
51.	Ambiguous	Unclear, vague	Clear
52.	Deceive	Mislead, dupe	Inform
53.	Eloquent	Articulate, expressive	Mute
54.	Imminent	Impending, approaching	Distant
55.	Juxtapose	Compare, contrast	Separate
56.	Lethargic	Sluggish, listless	Energetic
57.	Meticulous	Careful, precise	Careless
58.	Obsolete	Outdated, old fashioned	Modern
59.	Quaint	Charming, peculiar	Ordinary
60.	Plausible	Believable, credible	Unbelievable

Now draw 9 vertical lines on the same paper at equal distances.
Shade three vertical parts.



WORKSHEET ON MENTAL MATHS

- Find the multiplicative inverse of $\frac{-2}{3}$.
- Find the value of $0.0004 \div 0.8$
- Express $14 \frac{1}{25}$ as decimal.
- Express (a) 5329 g in kg (b) 55 rupees 55 paise in rupees. (c) 155 m 17 cm as m
- Subtract the sum of 21.503 and 3.094 from the difference of 29.095 and 2.93.
- Find the product of $22.1 \times 2.2 \times 0.22$
- Evaluate: (a) $0.8085 \div 0.35$. (b) $0.14742 \div 2.73$
- Find the reciprocal of $-2\frac{3}{8}$
- Anjali bought 3.5m of a dress material which costs Rs 110.80 per meter. If she gave a five- hundred rupee note to the shopkeeper, then how much money will she get back?
- What is the average of the numbers: 2, 4, 5, 8, 10 ?

Science

Case based questions

Type 1:

Deep inside the ocean, sunlight can hardly reach ,yet plants such as brown and red algae are found here.

- (a) How do you think they are able to live there?

- (b) Can plant use artificial source of light (for example , tube light) for preparing food?
- (c) Name the pigments responsible for photosynthesis in brown and red algae.

Type 2:

Three jars A, B and C are taken. Jar A is half-filled with tap water. Jar B is half-filled with water which was boiled for a few minutes. Jar C is half-filled with the same boiled water as in jar B. In all the three jars, an iron nail is dropped. In jar C, after the addition of the iron nail, some oil is added so that a film covers the surface of water. The jars are kept for and opened after 10 days, the nail in jar A is completely rusted, the nail in jar B is slightly rusted; while; the nail in jar C has not rusted at all.

- (a) What is rusting?
- (b) What are the factors responsible for rusting?
- (c) Why the nail in jar C has not rusted at all while nail in Jar A was completely rusted?
- (d) Suggest some methods to prevent rusting.

Assertion - Reasoning based questions.

These consist of two statements – Assertion (A) and Reason (R).

Answer these questions selecting the appropriate option given below:

- (a) **Both A and R are true and R is the correct explanation of A**
- (b) **Both A and R are true and R is not the correct explanation of A**
- (c) **A is true but R is false**
- (d) **A is False but R is true**

- Assertion:** Plants make their food themselves and are called autotrophs
Reason: Human Beings and other animal depend on plant for their food
- Assertion:** Some Bacteria are present in root nodules of leguminous plants.
Reason: Leguminous plants have nodulated roots
- Assertion:** The small intestine is about 7.5m long and highly coiled
Reason: It is smaller as compared to large intestine
- Assertion:** Rumen is the first of four chambers of stomach of ruminants
Reason: In rumen the food get partly digested and is called cud.
- Assertion:** Digestion in Amoeba is intracellular
Reason: In the food vacuole the food becomes trapped and is digested by the action of digestive juices secreted into vacuole.
- Assertion:** A physical property can be identified without bringing any chemical change
Reason: Chemical changes takes place through chemical reactions.

7. **Assertion:** Tearing of paper is a physical change, although it cannot be reversed.

Reason: Chemical change is a reaction involving the change in chemical properties or composition, resulting in the formation of a new substance.

8. **Assertion:** Burning of a candle is a physical change.

Reason: The products formed by burning a candle cannot be easily converted back to original candle.

9. **Assertion:** Breaking of a bone china plate is a physical change.

Reason: When a bone china plate breaks, the pieces cannot be joined to get back the original plate.

10. **Assertion:** Digestion of carbohydrate, like starch, begins in buccal cavity

Reason: The digested food is absorbed in the blood vessels from small intestine

➤ **Subject Enrichment Activity:**

Prepare the power point presentation on the following topics

- The presentation should contain maximum 10 slides.(excluding introductory slide)
- It should include introduction ,concept , working or application of the given topic
 - Every student will mail the ppt to kp.akansha@asterinstitutions.com
 - Students have to write their name , class , section and roll no. on the introductory slide
 - Prepare the presentation thoroughly for internal assessment evaluation

Roll No. 1-8 -Wind, Storms and cyclones

Points to cover

- Wind
- Characteristics of wind
- Thunderstorm
- Cyclone
- Tornado

Roll No. 9-16 - Atmospheric pressure

Points to cover

- Introduction
- Factors affecting atmospheric pressure
- Measuring atmospheric pressure
- Applications of atmospheric pressure

Roll No. 17-24 - Water -A precious resource

Points to cover

- Water a renewable resource,
- forms of water
- Sources of water,
- hard and soft water
- Scarcity of water
- Water pollution
- Government strategies for minimising water pollution

Roll No. 25-32 - Ecosystem

Points to cover

- Introduction to ecosystem
- Components of ecosystem
- Types of ecosystems
- Food chain
- Food web

Roll No. 33-40 – Forests and their conservation

Points to cover

- Forests in India
- Ecosystem in a forest
- Importance of forest
- Forest as self- sustaining ecosystem
- Deforestation
- Forest conservation

Social Science

History

Subject Enrichment Activity

- Family tree of Mughals. On (A4 Sheet) and paste this in your Sst notebook.
- Make a model of Globe showing Interiors of the Earth.
Link for reference- <https://www.youtube.com/watch?v=tYr0AV7kCjE>
- Learn chapters covered till now.

German

Meine tägliche Routine

My daily routines



Ich stehe auf
I get up



Ich nehme eine Dusche
I take a shower



Ich ziehe mich an
I get dressed



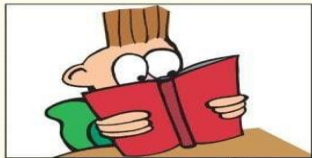
Ich frühstücke / Ich esse zu Mittag / Ich esse zu Abend
I eat my breakfast / lunch / dinner



Ich putze mir die Zähne!
brush my teeth



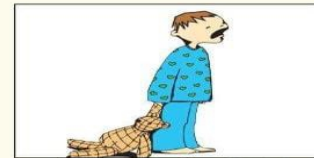
Ich gehe in die Schule
I go to school



Ich mache meine Hausaufgaben
I do my homework



Ich gehe raus zum Spielen
I go out to play



Ich gehe ins Bett
I go to bed

- Students will describe their routine with the help of a clock in their respective third language.
- Routine can be displayed of any day for example–Mein Geburtstag, Meine Ferien, Meine Prüfungstag, Mein erste Tag in der Schule.
- Students will present the same in class.

Material required

- A3 sized sheet
- Stationery
- Decorative material
- Pictures depicting the activities

Rubrics

- Language proficiency
- Accuracy
- Creativity
- Neatness
- Adherence to instruction
- Presentation

French

Subject Enrichment Activity

Préparez un PPT sur le sujet de. : (Make a PPT on the topic of-)

1. Les monuments (Famous monuments)– Roll No. – 1-5
2. Les Fromage (famous cheese) – Roll No. – 6-10
3. Les Fleuves (famous rivers) – Roll No. – 11-15
4. Les montagnes (famous mountain ranges) – Roll No. – 16-20
5. Les fêtes de français (festival of France) – Roll No. – 21 onwards

Each student has to make PPT on one topic only, according to roll no. wise. Audio and video required in PPT along with picture and description of the topic in two lines that will be written in French.

(No. Of slides -7-8)

Reference link - https://youtu.be/oHuwJVeP_h0?si=T2wiwM1bXFq1d

- Do worksheet in your notebook uploaded on portal

Computer

Q1. Enter the data in Excel of 10 students and perform the following:

1. Find the student who got Maximum marks in “Computer” by using MAX() function.

2. Find the total marks obtained by each student by using the addition formula and relative reference.
3. Calculate the 10% of total marks obtained by each student by using absolute reference.

Q2. Enter the given data in Excel and perform the following:

Sheet 1

	A	B	C	D	E	F	G
1	Name	Computer					
2	Raman	46					
3	Vedansh	86					
4	Joy	68					
5	Jim	95					
6	Suresh	92					
7	Total	=					

Sheet2

	A	B	C	D	E	F	G
1	Name	Maths					
2	Raman	51					
3	Vedansh	78					
4	Joy	87					
5	Jim	70					
6	Suresh	68					
7	Total	=					

- a. Find the total in Sheet1 and then find the total in sheet2 by using copy cell reference from sheet1 (copy formula).
- b. Find the total of (cell B2 of sheet 1 and cell B2 of sheet 2) in sheet 2 by using sheet reference.

Q3. Enter the given data in Excel and perform the following:

	A	B	C	D	E	F	G
1							
2	Apple	Mango	Guava				
3							
4		=					
5							

- a. Join all the given strings by using Concat() function.

Q4. Write a program to find the area and circumference of a circle.

Q5. Write a program to find the perimeter of a square.

संस्कृत

- **पिता**, तथा **नदी** शब्द रूप तथा धातु रूप **लिख्, वस्, खेल्** (लङ्गलकार) अपनी संचिका में लिखें तथा याद करें
- “ अस्माकम् विद्यालय :” विषय पर 10 पंक्तियां संस्कृत में लिखे।
- श्रीमद्भगवद्गीता के 4 श्लोक लिखें।
- कक्षा में कराए गए कार्यों को याद करें।
- निम्न वाक्यों का हिन्दी में अनुवाद करें।
अस्माकं देश : भारतम् अस्ति। दिल्ली अस्य राजधानी अस्ति। अस्य उत्तरदिशायां हिमालयः अस्ति। अस्मिन् देशे अष्टाविंशतिः राज्यानि सन्ति। नव केन्द्रशासिताः प्रदेशाः सन्ति। हिन्दी अस्माकं राष्ट्रभाषा अस्ति। गङ्गा, यमुना, गोदावरी, कृष्णा, नर्मदा इत्यादयः प्रमुखाः नद्यः अत्र वहन्ति। विभिन्न-धर्माणां जनाः भारते मिलित्वा वसन्ति। अतः कथ्यते- "दुर्लभं भारते जन्म।
- निम्न शब्दों के संस्कृत में वाक्य बनायें।
आचार्यः , वार्तालापः , प्रातः , भोजनम् , पत्रम् , विद्यालयम्

हिन्दी

रिपोर्ट लिखने हेतु दिशा निर्देश (प्रारूप) -

यात्रा रिपोर्ट :-

स्थान:- यहाँ आपके यात्रा के स्थान का नाम डालें, जैसे कि जंगल, नदी किनारा, पहाड़ी क्षेत्र आदि (आप वेद वन नॉएडा की यात्रा भी कर सकते हैं)

दिनांक:- यात्रा की तारीख डालें ।

रिपोर्ट:-

प्रारंभिक जानकारी: यहाँ यात्रा की आरंभिक जानकारी जैसे कि यात्रा क्यों और कैसे की गई, साथ ही स्थान के बारे में कुछ महत्वपूर्ण जानकारी जैसे कि मौसम, वातावरण, आदि डालें।

यात्रा का अनुभव: यहाँ आप अपने यात्रा के दौरान के अनुभवों जैसे- देखी गई चीजों, सुनी गई आवाजों, स्थानीय लोगों से की गई बातों, आदि के बारे में वर्णन करें ।

चित्र संलग्न करें: अपने रिपोर्ट में यात्रा के दौरान खींचे गए कुछ चित्रों को संलग्न करें । आप अपनी यात्रा को स्वयं भी चित्रित कर सकते हैं ।

निष्कर्ष: अपनी यात्रा के अनुभवों और देखी गई चीजों का संक्षेप में निष्कर्ष दें।

यात्रा के बारे में कुछ महत्वपूर्ण बातें :- यहाँ आप यात्रा के बारे में कुछ अत्यंत महत्वपूर्ण बातें जैसे कि स्थान की साफ-सफ़ाई, सुरक्षा उपायों, आदि के बारे में डालें ।

हिंदी कहानी संग्रह: एक हिंदी कहानी संग्रह तैयार करें, जिसमें विभिन्न लेखकों की वे कहानियाँ हों जो आपको पढ़कर बेहद पसंद आई हों और उन पर टिप्पणियाँ भी लिखें ।

Art

Topic - Illusion

Instructions -

Take A3 sized ivory sheet.

Then draw lines according to the design assigned.

1. Then draw the basic pattern with the help of pencil.
2. Then do detailed pattern starting from the centre with the help of black gel pen.
3. Your Illusion Art is ready now.

Topic - Doodle Art

Instructions -

1. Take A3 sized ivory sheet.
2. Then draw lines according to the design assigned.
3. Then draw the basic pattern with the help of pencil.
4. Then do detailed pattern starting from the centre with the help of black gel pen.
5. Apply postercolours in the required areas as shown in the images.
6. Your Doodle Art is ready now.

Link:

https://drive.google.com/file/d/1N_CRWLz6cWkqmWBsjHsTHU-lF-SNviyH/view?usp=drivesdk

Reasoning & IQ

- Take a printout of Worksheet uploaded on Portal and solve in your Maths Notebook.