BIRLA SHISHU VIHAR, PILANI (2023-2024)
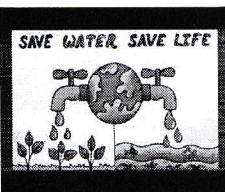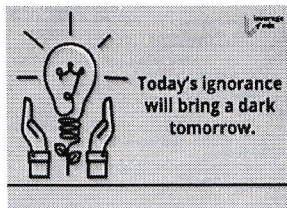## SUMMER HOLIDAY HOME-WORK
CLASS VIII   SUBJECT- S. SCIENCE
Homework Based On   INQUIRY, APPLICATION, SKILL, RESEARCH, AND ICT

Sr.No.	TOPIC	Activity	Skills Enhanced / Learning Outcomes
1	How, When and Where	Activity-: 'Essay writing on 'Problems of Periodization in History' (word limit 150-200)	• Evaluation • Analysis • Understanding • Critical Thinking • Application
2.	From Trade to Territory	Activity- : Prepare a Timeline of various events in history of India from the coming of British to the Revolt of 1857. Also paste pictures of few Governor Generals of British India.	• Classification • Organization • Critical Thinking • Inquisitiveness • Observation
3	The Indian Constitution	Activity-: Designing Preamble' Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India'.	• Understanding • Creativity • Thinking • Application • Analysis
4	Understanding Secularism	Activity- : Case Study --Prepare a case study of any one country other than India, discussing the idea of 'Secularism' according to them. You can discuss the religious policy, religious harmony or conflicts among different groups in that country while comparing it with secularism in India.	• Application • Analysis • Evaluation • Synthesis • Critical Thinking Understanding
5	Resources	Activity-: Data Collection Prepare a list of resources found in your state. Also highlight the resources that the state is deficient in.	• Artistic Skills • Creativity Skill • Organization • Classification • Analysis
6	Resources	Activity- : Poster Making -Make a poster on 'Conservation of Resources'. Poster can depict problems of resource depletion, use of alternate resources and any innovative methods. For example ◆Save electricity or Save Water 	Creativity Artistic Skill Understanding Analysis

SUBJECT – ENGLISH

1.Reading comprehension- Read lesson 1 and 2 of It so happened and write new words and question answers($supplementary notebook)

2.Adjectives (Grammar notebook)- Describe the given scenes in few words and phrases:(Using Visual Imagery)
Scene of morning ,night, evening,
village, storm ,City and forest

3.Art Integrated project -Make a comic book
Topic Any folk tale of Nagaland.
4.Learn any poem(Duration- 2 minutes)

SUBJECT-SANSKRIT

1)

पितरम् प्रति रूप्यकयाचनार्थं पत्रम्

<div align="right">

चिन्मयः छात्रावासः
कुरुक्षेत्रम्
दिनाङ्क : X.X.2017
</div>

आदरणीयाः पितृमहाभागाः
_____ प्रणामाः,
अहम् अत्र _____ अस्मि। आशा अस्ति तत्रापि कुशलं भवेत्। मम प्रथमसत्रीया _____ अद्यैव समाप्ता। मम
उत्तरपत्राणि _____ अभवन्। परीक्षाफलं सप्ताहानन्तरम् आगमिष्यति। विद्यालयेन एकस्याः _____ आयोजनं
कृतम्। वयम्। _____ द्रष्टुम् अमृतसरनगरं गमिष्यामः। चत्वारः _____ चापि अस्माभिः सह गमिष्यन्ति।
एतदर्थं _____ रूप्यकाणां पञ्चशतम् प्रेषयतु भवान्। मातृचरणयोः मम _____ कथनीयाः। अनुजाय स्नेहराशिः।

<div align="right">

भवदीयः _____
सौरभः
</div>

कृपया, शोभनानि, सकुशलः, प्रणामाः, प्रियपुत्र, सादरम्, शैक्षिकयात्रायाः, अध्यापकाः, परीक्षा, स्वर्णमन्दिरम् ।

2)

समाजसेवार्थं ग्रामगमनं निवेदयितुम् मातरं प्रति पत्रम्।

<div align="right">

छात्रावासः
नव दिल्ली
दिनाङ्क : X.X.2017
</div>

पूज्याः मातृचरणाः
_____ प्रणतिः।
अत्र _____ तत्रास्तु।
आगामिनि शरदवकाशे अहं _____ आगन्तुम् न शक्नोमि। यतो हि विद्यालयस्य समाजसेवास्मिते _____ ग्राम-
विकास-योजना कार्यस्य कृते _____ गच्छन्ति। अहमपि तैः _____ गमिष्यामि। ग्रामसेवा-कार्यं _____
अतीव रोचते।
_____ मम प्रणामाः। शेषं पुनः _____।

<div align="right">

भवदीयः _____
अनुराग:
</div>

सह, पितृचरणयोः, लेखिष्यामि, पुत्रः, कुशलम्, सादरम्, मह्यम्, सदस्याः, गृहम्, रामपुर-ग्रामम्।

[3.]

रिक्तस्थानानि पूरयित्वा प्रार्थनापत्रं लिखत -
(रमेशः, कारणात्, ज्वरपीडया, उदयपुरम्, निवेदनम्, आगन्तुं, दत्वा, शिष्यः)
सेवायाम्,
श्रीमन्तः प्रधानाध्यापक महोदयः,
राजकीय-माध्यमिक-विद्यालयः,
....
विषयः - त्रि-दिवसस्य अवकाशार्थम्।
महोदयः,
सविनयं .... अस्ति यत् अहं .... रुग्णोऽस्मि। अतः विद्यालये .... न शक्नोमि। अस्मात् दिनांक: 16-
12-20XX तः 18-12-20XX पर्यन्तं दिवसत्रयस्य अवकाशं .... कृतार्थयन्तु भवन्तः।
सधन्यवादः।

दिनांक: 16-12-20xx ई.
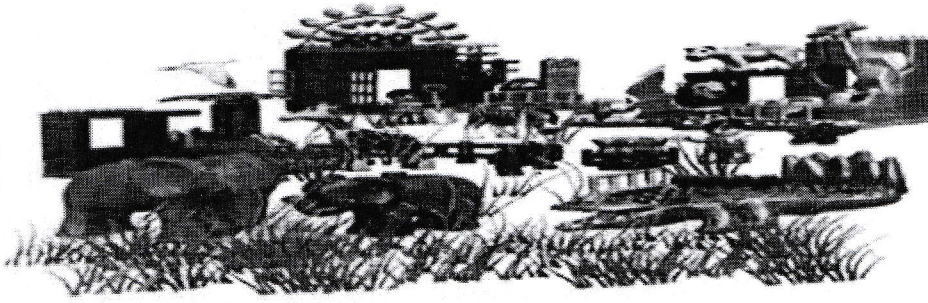
भवताम् आज्ञापालकः: ....
....
कक्षा-अष्टम् 'अ'

[4]

(क्रीडाक्षेत्रे, कंदुकेन, पादकंदुकखेलम्, पादेन, क्षिपति, बालकाः, क्षिपति, खेलन्ति, कंदुकम्, प्रसन्नाःसन्ति।)

[5].

(व्याघ्राः, भल्लूकाः, चित्रकाः, मृगाः, मयूरः, सिंहः, नृत्यति, गर्जति, जलचराः, उपवने, पञ्जरे, उच्चैः)

[6]. गीता के अध्याय चार से किन्ही पांच श्लोकों का लेखन सार्थ कीजिए |

7. दश गृहोपयोगी वस्तुओं के नाम संस्कृत भाषा में लिखते हुए सचित्र संकलित कीजिए |

8. किन्हीं पांच सूक्तियों का संकलन कीजिए |

SUBJECT- HINDI

नोट- निम्नलिखित कार्य व्याकरण की नोट-बुक में कीजिए(प्रश्न 1 और 2) परियोजना कार्य फाइल में करें (प्रश्न 3)

1) निम्न विषयों पर 200 से 250 शब्दों का निबंध लिखिए

    1) मन के हारे हार है मन के जीते जीत   2) करत-करत अभ्यास के जड़मति होत सुजान   3) सत्संगति 4) विद्यार्थी जीवन

2) निम्न विषयों पर पत्र लिखिए

औपचारिक पत्र –   1) साहसिक कार्य के लिए सम्मानित हुए मित्र को बधाई पत्र |

          2) गृहप्रवेश में जाने हेतु प्रधानाचार्य को अवकाश पत्र |

अनौपचारिक पत्र -1) नगर निगम के अधिकारी को मोहल्ले की नियमित सफाई व्यवस्था हेतु पत्र |

      2) आपके दिल्ली निवासी चाचा-चाची को अपने 15वें जन्मदिवस पर निमंत्रण पत्र |

3) परियोजना कार्य

    1) नागालैंड और राजस्थान के संस्कृति के विषय में सचित्र जानकारी एकत्र कीजिये|

   2) अपने क्षेत्र के लघु उद्योगों के विषय में जानकारी एकत्र कर सूचि बनाएं |

    3) हम पृथ्वी की संतान पाठ को आधार बना कर पर्यावरण संकट व संरक्षण पर जानकारी एकत्र कर अपने विचार लिखिए|

4) "भारत की खोज पुस्तक "का पठन कीजिए |

SUBJECT - SCIENCE

1.ENHANCE YOUR LIFE SKILLS

- We are greatly dependent on agricultural products in our every day life. What would happen if agriculture is stopped in our country?
  - o Make a list of items that would not be available for us and how it would affect our day to day life (Present your ideas in a tabular form)?
  - o Design a PAMPHLET AND spread awareness about GREEN REVOULATION
  - o (In your Locality).

2.MAKE IT WORK

MAKE YOUR OWN " NATURAL PESTICIDES"

Here are some recipes to prepare few natural pesticides and try them in your garden.

NEEM SPRAY: Take some neem leaves, wash them and crush them in an electrical mixer grinder or by hand in a motor pestle. Add water to it and few drops of liquid soap.

Leave overnight, sieve and put it in a spray bottle to spray on your plants.

GARLIC SPRAY: Crush 5 cloves of garlic and add a tea -spoon of full of oil on it. Leave it to

Infuse and add a few drops of soap and 1\2 liter of water in it. Your spray is ready.

Caution: garlic spray kills all insects to use only on the pests and do not use on vegetables you are about to harvest or ypu will get garlic -smelling vegetables.

2. Make a compost pit inside your home\farm campus(after getting necessary permissio from your parents).

RESEARCH-BASED OUT-DOOR ACTIVITIES

1.Organize a visit to a milk diary and collect information on methods employed during milk Production to ensure that freshness of milk is retaines ,when it reaches the consumer.

2.Visit a nursery and how small plants and saplings are cared before they are transplanted to main field.

(WRITE YOUR OBSERVATION AND LEARNING OUTCOME OF IT)

THINK AND ANSWER

1.Ravi's grand father, a farmer in Shivalik village sows cotton and groundnut crops to gather on the same field and always gets excellent yields of both.

What do think could be the reason for sowing cotton and groundnut together.
(Hint: How is mixed cultivation is important?)

2.Robin forgot to give his lunch box for a wash in Friday. The lunch box with leftover Rice and some vegetables remained in his bag the entire weekend.

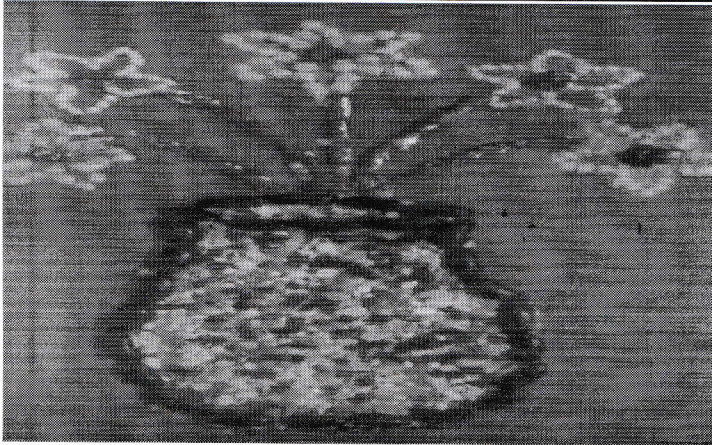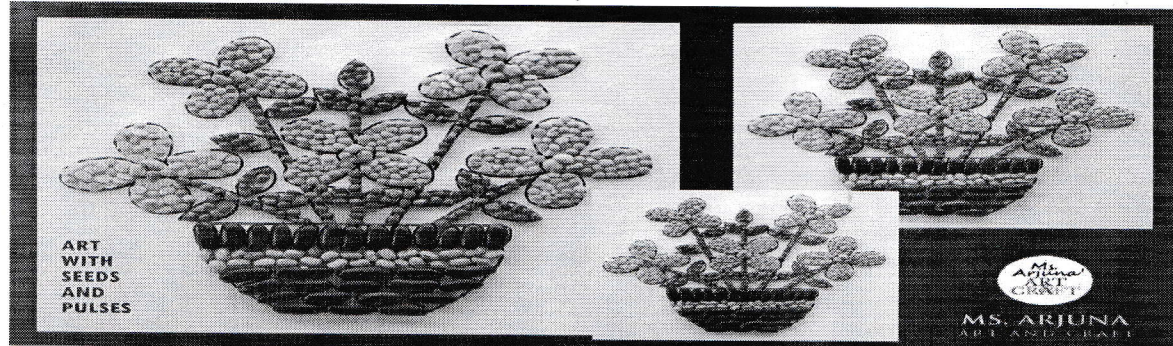What would you think would have happened to leftover food on Monday morning?
Why?

ART INTEGRATED PROJECT

Make a decorative piece of FLOWER VASE , taking any waste bottle (glass..or fibre)

Decoration to be done by only grains (rajmah, soya bean , black\ green gram, different types of pulses etc of your choice.)

You can use dry stalk, leaves branches of trees some threads and colourful materials of your choice for the decoration purpose.

2.Make musical instrument of NAGALAND of your choice.

ART WITH SEEDS AND PULSES

MS. ARJUNA
ART AND CRAFT

ALL THE OBSERVATION, WRITEING THE Q /A WILL BE DONE IN practical record

SUBJECT- MATHS

(Do in 64 page copy) Activity1 Hide and seek

Description:

From the table, choose any one item from each column to form an equation and solve it. Form at least 8 equations. One example is done for you. The items chosen in this case are encircled in the table.

$-18a + (-3/5) = 21$

$-18a = 21 + (3/5) = 108/5$
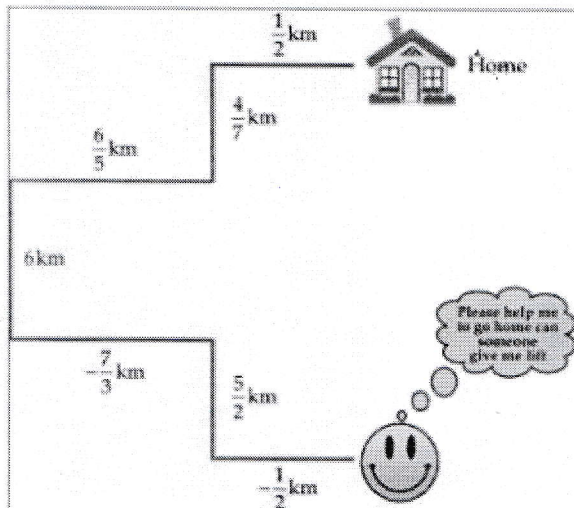
$a = (108/5) \times (1/-18) = -180/90 = -6/5$

3	b	(+)	6	=	18
-4	q	÷	8	=	(21)
8	(a)	+	-4	(=)	-18
(-18)	y	-	2/3	=	154
-21	x	x	6	=	3/2
17	P	-	(-3/5)	=	62
22	r	+	1	=	-2/3
65	s	-	12	=	1

Activity-2

Way to home

Description:

Activity to be done on A-4 Size coloured sheet.

Negative distance means distance in opposite direction.
1. Rohan wants to give lift to an old lady and drop her to home. Find how much distance should he have to cover.
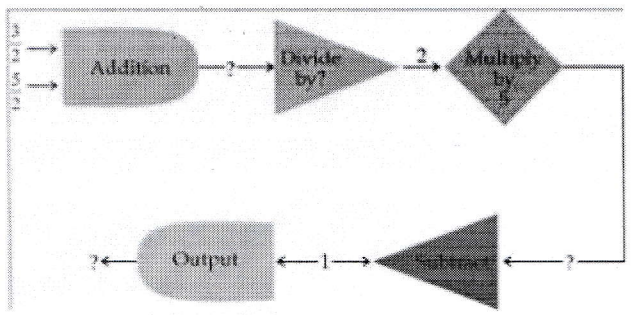
2.Find shorts distance from Rohan to his home.
3. What value do you learn from Rohan?

Activity-3

Rational Circuit diagram (Critical Thinking, Application and Analysis)
Description:
Perform the activity on A4 size pastel sheet.

Activity-4

Write about two Ancient Indian mathematicians along with their pictures, who have contributed immensely to the field of *mathematics.*

Work Sheet

Q.1 Half a number increased by 10 is 12. Find the number.
Q.2 Twice the sum of two numbers is 36. If one of the numbers is 10, find the other number.
Q.3 Twenty years from now, I will be 4 times as old as my present age. What is my present age?
Q.4 State whether the following statements are true or false:
a) A term may be transposed from one side of the equation to the other side but its sign will not change.
b) We cannot subtract the same number from both sides of an equation.
c) $x = 1$ is the solution of equation $4(x + 5) = 24$

Q5 Solve the following equations and check the solutions:
a) $5 - 3(5x + 2) = 4(7 - 3x) + 1$

b) $6x+13 +1= x-36$

c) $x+12x+3 = 38$

d) $0.3(6 - x) = 0.4(x + 8)$

e) $3(7x-1)4 - (2x - 1 - x2) = x + 32$

Q6 Two supplementary angles differ by 500. Find measure of each angle.

Q.7 Sum of three consecutive even numbers is 36. Find the numbers.

Q8 If x = 32, y = − 23 and z = 14,

verify that (i) $x \times (y \times z) = (x \times y) \times z$.

(ii) $x \times (y + z) = (x \times y) + (x \times z)$

Q9 Draw a flow chart to depicting the properties of different types of quadrilaterals.

Q10. If you subtract 1/8 from a number and multiply the result by 1/4, you get 1/16. What is the number?

Happy holidays!!!