ALL SAINTS' HIGH SCHOOL

Class– VIII

(Children promoted from Class VIII to Class IX)

Academic Year 2024 – 25

HOLIDAY HOMEWORK

Dear parents,

Holiday homework allows students to reinforce learning, maintain academic momentum and develop crucial skills like independent study and time management.

It is well designed to promote responsibility and enhance creativity and critical thinking.

Kindly encourage your children to spend atleast two hours in a day exploring different subjects during holidays.

Happy Holidays!

తెలుగు

I LANGUAGE - TELUGU

1. పల్లె జీవితం ఎలా ఉంటుందో తెలుపుతూ పోస్టర్ తయారు చేయండి.
2. తెలుగు భాషా ప్రాముఖ్యత గురించి కరపత్రం తయారు చేయండి.
3. నీకు నచ్చిన నీతి కథను చిత్రాల ఆధారంగా రాయండి.
4. పద్యాల పోటీకి 5 నుండి 10 తరగతుల వారిని ఆహ్వానిస్తూ ఆహ్వాన పత్రం తయారు చేయండి

NOTE:

* Write all exercises on A4 size sheets and submit on reopening day.
* Homework must be done by children themselves, in their own handwriting.

II LANGUAGE - TELUGU

1. పుట్టినరోజు శుభాకాంక్షలు తెలుపుతూ మీ మిత్రునికి గ్రీటింగ్ కార్డు తయారు చేయండి.
2. మీకు నచ్చిన పండుగ గురించి గ్రీటింగ్ కార్డు తయారు చేయండి.
3. మీకు నచ్చిన ఉపాధ్యాయుడు/ ఉపాధ్యాయురాలి గురించి మీ మిత్రునికి/ మిత్రురాలికి లేఖ రాయండి.

NOTE:

* Write all exercises on A4 size sheets and submit on reopening day.
* Homework must be done by children themselves, in their own handwriting.

हिंदी

I LANGUAGE - HINDI

1. अ से ज्ञ तक वर्णमाला लिखिए।
2. सुलेख प्रतिदिन 10 पंक्ति अपनी पाठ्य पुस्तिका से लिखें।
3. पर्यावरण संरक्षण पर पोस्टर बनाकर पांच नारे लिखिए
4. प्रिय नेता के लिए साक्षात्कार प्रश्नावली तैयार कीजिए।

NOTE:

* Write all exercises on A4 size sheets and submit on reopening day.
* Homework must be done by children themselves, in their own handwriting.

II LANGUAGE - HINDI

1. वर्णमाला अ से श्र तक लिखिए।
2. सुलेख प्रतिदिन 10 पंक्तियां अपनी पाठ्य पुस्तक से लिखिए।
3. जल संरक्षण पर पोस्टर बनाकर पांच नारे लिखिए।
4. 'घरेलू उद्योग' पर 10- 15 पंक्तियों में निबंध लिखिए।
5. ' हिंदी समाचार चैनल ' देखकर अपने प्रिय खेल के बारे में चित्र सहित पांच वाक्य लिखिए।

NOTE:

* Write all exercises on A4 size sheets and submit on reopening day.
* Homework must be done by children themselves, in their own handwriting.

ENGLISH

Handwriting

* Write one page handwriting everyday with dates.
* Read any one news item (Regional or National) everyday or watch a news bulletin in English. Pick 5 new words and look up their meanings, antonyms and synonyms and present them in a creative way.
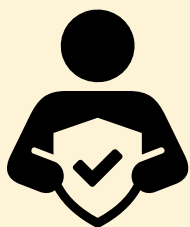
Creative Writing

* Search for a creative writer in you...
Develop a story with the title 'An Adventure with Aliens'.
* Read the biography or autobiography of any great personality of your choice and write a review on it.

NOTE:

* Handwriting is to be done in a single-ruled notebook.
* All the other exercises are to be done on A4 size sheets.

Social Studies

1) Collect information about 5 welfare programmes implemented by the Telangana State Government.
Include:
 a) Highlights of the programme
 b) Who are the beneficiaries?
 c) Is the programme successful? Why/ Why not?
 d) Paste relevant pictures and articles from newspapers.

2) Create a poster on the theme 'Developing India'.

Note: Homework is to be done on A4 size sheets.

MATHEMATICS 6 (9)

Day : 1

· Multiplication Tables from 2 to 5 (write 2 times and learn)

· Find a rational number between 2/3 and 3/4.

· Write $0.72\overline{9}$ in p/q form.

· Write down the squares of numbers from 1 to 30 and learn them.

Day : 2

· Multiplication Tables from 6 to 10 (write 2 times and learn)

· Find the square root of 169 , 196 , 484 by prime factorization method.

· Find the square root of 4096 , 7056 using division method.

· Write down the cubes of numbers from 1 to 20 and learn.

Day : 3

· Multiplication Tables of 12 & 13 (write 2 times and learn)

· Find the cube root of 2744 and 1331.

· Write and learn the formulas for mean , median and mode.

Day : 4

• Multiplication Tables of 14 & 15 (write 2 times and learn)

Given below are the ages of 45 people in a colony.

| 33	8	7	25	31	26	5	50	25	48	56
33	28	22	15	62	59	16	14	19	24	35
26	9	12	46	15	42	63	32	5	22	11
42	23	52	48	62	10	24	43	51	37	48
36										

Construct grouped frequency distribution for the given data with 6 class intervals.

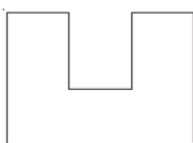• If △ ABC is congruent to △NMO , name the congruent sides and angles.

Day : 5

• Multiplication Table of 16 (write 2 times and learn)

• Write the formulas for area of square , rectangle , triangle , parallelogram , rhombus , trapezium(3 times).

Divide the given shapes as instructed
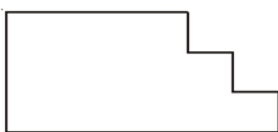
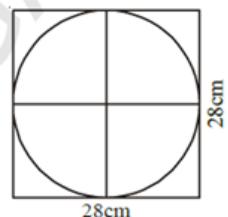(i) into 3 rectangles   (ii) into 3 rectangles

Day : 6
· Multiplication Table of 17 (write 2 times and learn)
· Write the formulas for area of circle , circular path and sector (3 times).

Find the area of a circle inscribed in a square of side 28 cm.

[**Hint.** Diameter of the circle is equal to the side of the square]

28cm

28cm

Day : 7
• Multiplication Table of 18 (write 2 times and learn)

The cost of 5 meters of a particular quality of cloth is ₹ 210. Find the cost of (i) 2 (ii) 4 (iii) 10 (iv) 13 meters of cloth of the same quality .

Day : 8
· Multiplication Table of 19 (write 2 times and learn)

1. Siri has enough money to buy 5 kg of potatoes at the price of ₹ 8 per kg. How much can she buy for the same amount if the price is increased to ₹ 10 per kg?

2. A camp has food stock for 500 people for 70 days. If 200 more people join the camp, how long will the stock last?

3. 36 men can do a piece of work in 12 days. In how many days 9 men can do the same work?

Day : 9
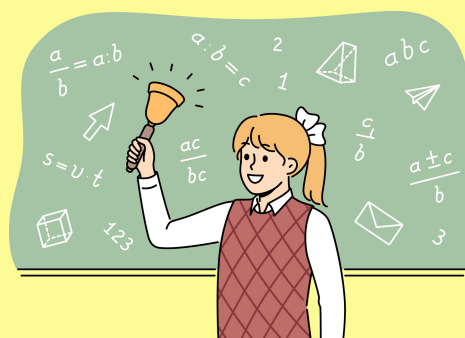· Multiplication Table of 21 (write 2 times and learn)

1. Rice costing ₹ 480 is needed for 8 members for 20 days. What is the cost of rice required for 12 members for 15 days ?

2. 10 men can lay a road of 75 km. long in 5 days. In how many days can 15 men lay a road of 45 km. long ?

3. 24 men working at 8 hours per day can do a piece of work in 15 days. In how many days can 20 men working at 9 hours per day can complete the same work ?
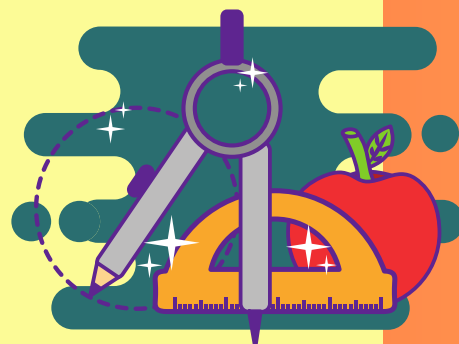
Day : 10
· Multiplication Table of 23 (write 2 times and learn)
· Write the following identities 3 times and learn.

$$(a + b)^2 \equiv a^2 + 2ab + b^2$$
$$(a - b)^2 \equiv a^2 - 2ab + b^2$$
$$(a + b)(a - b) \equiv a^2 - b^2$$
$$(x + a)(x + b) \equiv x^2 + (a + b)x + ab$$

Day : 11

· Multiplication Table of 24 (write 2 times and learn)

· Work out Ex:11.3

1. Multiply the binomials:
   (i) $2a-9$ and $3a+4$ (ii) $x-2y$ and $2x-y$
   (iii) $kl+lm$ and $k-l$ (iv) m^2-n^2 and $m+n$

2. Find the product:
   (i) $(x+y)(2x-5y+3xy)$ (ii) $(a-2b+3c)(ab^2-a^2b)$
   (iii) $(mn-kl+km)(kl-lm)$ (iv) $(p^3+q^3)(p-5q+6r)$

Day : 12

· Multiplication Table of 25 (write 2 times and learn)

· Work out Ex:12.2

1. Factorise the following expression-
   (i) $a^2 + 10a + 25$ (ii) $l^2 - 16l + 64$ (iii) $36x^2 + 96xy + 64y^2$
   (iv) $25x^2 + 9y^2 - 30xy$ (v) $25m^2 - 40mn + 16n^2$

Day :13

· Multiplication Tables from 2 to 10 (Revise)

· Complete the given table

Diagram of object	Name of the object	Number of Faces (F)	Number of Vertices (V)	Number of Edges (E)	F+V	E+2
	Cube	6	8	12	6 + 8 = 14	12 + 2 = 14
	Cuboid					
	Pentagonal Prism					
	Tetra hedron					
	Pentagonal Pyramid					

Day : 14 - Revise all the Multiplication Tables from 12 to 25.

Note: Write the holiday homework on A4 size sheets and submit on reopening day.
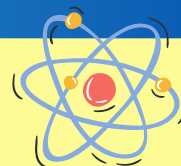
PHYSICAL SCIENCE

Create an innovative working scientific model that would benefit society and prepare a report on it.

Instructions :

1. The best models will be selected for the following events:
* Inspire Manak
* School Science Exhibition
* Other Competitions

2. Students may receive cash awards, certificates, and mementos.

3. The following are the categories, listed section-wise:
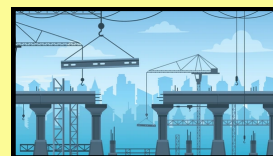
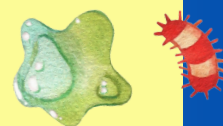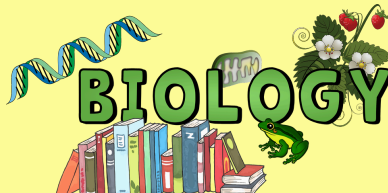**8A: Transport and Communication**

8C: Space and Astronomy

8D: Science and Technology

8B: Alternative Sources of Energy

8E: Integral Bridges - An Innovative Concept

BIOLOGY

1. Make an album of eminent scientists who have contributed to the field of Biological Science.
   (Any 10 scientists on A4 size sheets)

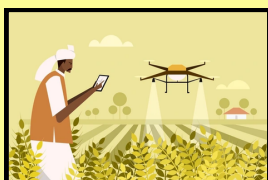2) Prepare a working scientific model (Biology) on the following categories, listed section-wise.

8A: Hydroponics

8C: Conservation of Biodiversity

8D: Transportation and Communication

8B: Advancements in Agriculture

8E: Waste Management