



# ALL SAINTS' HIGH SCHOOL

## Class– VII

(Children promoted from Class VII to Class VIII)

Academic Year 2024 – 25



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. పర్యావరణ పరిరక్షణ గురించి తెలుపుతూ ఒక పోస్టరు తయారు చేయండి.
2. పల్లె అందాలను గురించి మీ మిత్రునితో చర్చించినట్లుగా సంభాషణ రూపంలో రాయండి.



### NOTE:

- \*All exercises to be done on A4 size sheets.
  - \* Children should complete homework in their own handwriting.
- Parents are not supposed to do the homework.

## II LANGUAGE - TELUGU

1. రైతు గొప్పతనాన్ని తెలుపుతూ ఒక పోస్టరు తయారు చేయండి.
2. చిత్రం ఆధారంగా మీకు నచ్చిన ఒక నీతి కథను రాయండి.



### NOTE:

- \* All exercises to be done on A4 size sheets.
- \* Children should complete homework in their own handwriting. Parents are not supposed to do the homework.

# हिंदी

## I LANGUAGE - HINDI

1. वर्णमाला अ से श्र तक लिखिए।
2. अक्षरों की मात्राएं लिखिए।
3. बारहखड़ी क से श्र तक लिखिए।
4. क से श्र तक प्रत्येक अक्षर से शुरू होने वाले 5 - 5 शब्द लिखिए।
5. सुलेख लेखन- उपवाचक पाठ नीलकंठ page 91, 92  
Write 5 sentences daily in neat handwriting.
6. ' प्राकृतिक ऊर्जा ' के बारे में सचित्र पांच वाक्य लिखकर ' ऊर्जा संरक्षण ' पर पांच उपाय लिखिए ।



### NOTE:

Write the above homework neatly on A4 size sheets and submit it on reopening day.

## II LANGUAGE - HINDI



- I. वर्णमाला अ से श्र तक लिखिए।
  - II. स्वर के अक्षरों की मात्राएँ लिखिए।
  - III. क, ग, च, ज, ट, प, म, वर्णों की बारहखड़ी लिखिए।
  - IV. साहसी सुनीता पाठ से 5-5 पंक्ति प्रतिदिन के हिसाब से सुलेख लिखिए।
  - V. 'अपने प्रिय मित्र' के बारे में 10 वाक्य लिखिए।  
संकेत बिंदु: मित्र का परिचय, मित्र के गुण, सच्चे मित्र की पहचान, मित्र का चित्र।
- Note: Write the above holiday homework neatly on A4 size sheets and submit it on reopening day.



# English



I. **Handwriting:** One page of handwriting (different proverbs) every day in a single ruled book.

II. Read or watch news in English. Pick 5 new words, write their meanings, antonyms and synonyms. Present them in a creative way.

III. Read a book or stories written by **R.K.Narayan**, **Sudha Murthy** or **Ruskin Bond** and write the summary.



IV. **PICTURE BOOK CREATION :** Create a picture book on the topic '**SUPERHEROES AND THEIR POWERS**'. The picture book should contain a story including colourful drawings.

## STEPS TO BE FOLLOWED :

- Develop your story with an engaging introduction, the main content and an apt conclusion.
- Compose the text for your picture book in not more than 6-8 pages.
- Draw or paint the relevant pictures for each page of your story.



# Social Studies

- Explore any five historical places of India with pictures.
- Mention significance of the places (who built, when and why).
- Paste maps showing the location of the historical places you selected.
- Present interesting facts of the selected historical places.
- Write a brief history of each place.
- Prepare a poster showcasing the historical places you have chosen.







### DAY 1

- Learn and write multiplication tables 1 to 3.
- Compute the following  
A)  $225 + (-145)$   
B)  $(-30) - (-25)$
- Verify  $18 \times (7 + (-3)) = (18 \times 7) + (18 \times (-3))$
- Compute  $7/9 + 2/3$
- Which is bigger  $5/8$  or  $3/5$ ?

### DAY 3

- Learn and write 7, 8, 9 multiplication tables.
- Solve  $3y + 4 = 5y - 4$
- Solve  $3(x - 3) = 5(2x + 1)$
- Solve  $3x + 5 = 5x - 11$
- Total number of boys and girls in a class is 52. If the number of girls is 10 more than that of boys, find the number of boys.
- The present age of Ramu's father is three times that of Ramu. After five years the sum of their ages would be 70 years. Find their present ages.

### DAY 4

- Learn and write 10, 11, 12 multiplication tables.
- Learn and write formulae of area of square, rectangle, parallelogram, triangle, rhombus, quadrilateral each 3 times
- Find the perimeter of the square with side 15cm.
- Find the perimeter of the rectangle with length 20cm and breadth 14cm.
- The area of a rhombus is 60sqcm and one of its diagonals is 8cm. Find the other diagonal.



### DAY 5

- Learn and write 13 & 14 multiplication tables.
- Learn and write Simple Interest formula 3 times.
- In what time will ₹6880 amount to ₹7224, if simple interest is calculated at 10% per annum?
- What sum will yield an interest of ₹3927 in 2 years and 4 months at 8% per annum?
- At what rate per annum will ₹6360 yield an interest of ₹1378 in  $2\frac{1}{2}$  years?

### DAY 6

- Learn and write multiplication tables 15 & 16.
- Learn and write all laws of exponents each three times.

### DAY 7

- Learn and write 17 & 18 multiplication tables.
- Express the following as the product of exponents through prime factorization.  
i) 288      ii) 1250      iii) 2400
- Simplify the following using laws of exponents.  
i)  $2^{10} \times 2^4$       ii)  $5^7 / 5^2$       iii)  $9^2 \times 9^{18} \times 9^{10}$       iv)  $(-3)^3 \times (-5)^3$





## DAY 8

- Learn and write 19 & 20 multiplication tables.
- By what number should  $3^{-4}$  be multiplied so that the product is 729?
- If  $5^6 \times 5^{2x} = 5^{10}$ , then find x.
- Evaluate  $2^0 + 3^0$ .
- Express the following large numbers in standard form.  
i) 384,000,000m      ii) 1,353,000,000 km



## DAY 9

- Learn and write 21 & 22 multiplication tables.
- What is the degree of each of the monomials.  
i)  $7y$  ii)  $-xy^2$  iii)  $xy^2z^2$  iv)  $3mn$
- Find degree of each algebraic expression.  
i)  $xy + yz$  ii)  $2y^2z + 10yz$  iii)  $pq + p^2q - p^2q^2$  iv)  $ax^2 + bx + c$
- Subtract the second expression from the first expression.  
i)  $x + 2y + z; -x - y - 3z$  ii)  $3a^2 - 8ab - 2b^2; 3a^2 - 4ab + 6b^2$  iii)  $4pq - 6p^2 - 2q^2; 9p^2$

## DAY 10

- Learn and write multiplication table 23.
- Subtract the sum of  $x^2 - 5xy + 2y^2$  and  $y^2 - 2xy - 3x^2$  from the sum of  $6x^2 - 8xy - y^2$  and  $2xy - 2y^2 - x^2$
- What should be added to  $1 + 2x - 3x^2$  to get  $x^2 - x - 1$ ?
- What should be taken away from  $3x^2 - 4y^2 + 5xy + 20$  to get  $-x^2 - y^2 + 6xy + 20$ .
- Find i)  $A + B + C$  and ii)  $A - 3B$  when  $A = 4x^2 + y^2 - 6xy$ ;  $B = 3y^2 + 12x^2 + 8xy$ ;  $C = 6x^2 + 8y^2 + 6xy$



## DAY 11

- Learn and write multiplication table 24.
- Write factors for the numbers 46, 78, 62
- Find LCM of 15, 20, 25
- List the prime numbers from 1 to 100 and say how many are there?
- Find HCF of 42, 45, 48

## DAY 12

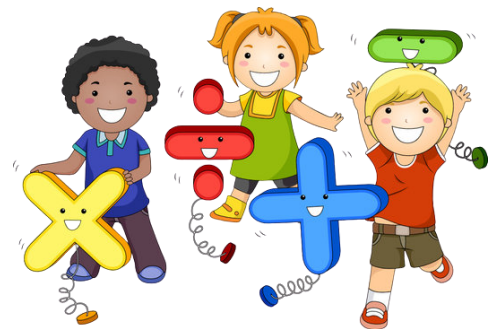
- Learn and write multiplication table 25.
- Explain Natural Numbers, Whole Numbers, Integers, Rational Numbers by giving examples.

## DAY 13

- Learn and write multiplication table 26.
- Solve any five 4-digit number multiplication sums.  
Example  $2341 \times 5674 = ?$

## DAY 14

- Learn and write 27 & 28 multiplication tables.
- Define Even Numbers, Odd Numbers, Prime Numbers, Composite Numbers, by giving examples.
- Define fraction and write different types of fractions by giving examples.





# Science



Prepare a working model based on any of the given topics.

Prepare a Power Point Presentation and present a diagrammatic representation on the chart.

**THEME : Science and Technology for Sustainable Future**

**Sub Themes :**



1) Climate Change, its Effects and Solutions



2) Solar Energy - Innovations



3) Waste Management and Recycling - Innovations



5) Telemedicine and Healthcare Access Through Technology



4) Alternative Materials to Reduce Environmental Impact

