

**KENDRIYA VIDYALAYA TFRI**

**SUMMER VACATIONS: HOLIDAY HOMEWORK 2021-22**

**SUBJECT: SOCIAL SCIENCE**

**CLASS 7<sup>th</sup>**

1. Poster making -Make the poster on the following in relation to your locality-  
ROLL NO 1-20 - a) Famous historical buildings/monuments  
ROLL NO 21- 40 - b) Local festivals
2. Make Nagaland toy by using waste material Eg.



3. Revise following chapters and their exercise completed till now:  
Environment, Tracing Changes through a Thousand Years, On Equality.
4. Prepare a map of India showing all our neighbouring countries in different colours and their name and capital.
5. Prepare a map of India with name of all the States and their Capitals.

1. पोस्टर बनाना-अपने इलाके के संबंध में निम्नलिखित पर पोस्टर बनाएं-

रोल नंबर 1-20 - ए) प्रसिद्ध ऐतिहासिक इमारतें / स्मारक

रोल नं 21- 40 - बी) स्थानीय त्योहार

2. अपशिष्ट पदार्थ का उपयोग करके नगालैंड खिलौना बनाओ

3. निम्नलिखित अध्यायों और उनके अब तक के अभ्यास को याद करें: पर्यावरण, अनुरेखण परिवर्तन एक हजार वर्षों के माध्यम से, समानता पर।

4. हमारे सभी पड़ोसी देशों को अलग-अलग रंगों से और उनके नाम लिख कर उनकी राजधानी मानचित्र पर दर्शाए।

5. सभी राज्यों और उनके राजधानियों के नाम के साथ भारत का नक्शा तैयार करें।

कक्षा VII अवकाश गृह कार्य

- ① 10 श्लोक
- ② 20 अव्यय शब्द अर्थ सहित
- ③ 1 से 50 तक संख्या शब्द
- ④ शब्दरूप - बालक, बालिका  
किम् शब्दरूप एवं  
तत् - शतत् (लीनो लिङ्गम्)  
नदी, वारि, पितृ, मधु शब्दरूप
- ⑤ धातुरूप - पठ्, गम् (गच्छ्)  
चरे, कृ, व वीम् धातु

# *SUMMER VACATION HOLIDAY HOME-WORK SCIENCE*

## **Class 7**

### **Answer the following:**

- Q1. Information on insectivorous plant with diagram?
- Q2. Write down the importance of mushroom?
- Q3. Write down in detail the disease of digestive system?
- Q4. Write a short note on tooth decay?
- Q5. Name the raw materials needed for photosynthesis.
- Q6. Mention the role of chlorophyll in photosynthesis.
- Q8. How are nutrient replenished in the soil?
- Q9. What is tongue? Write its functions?
- Q10. Explain the process of rumination?
- Q11. Explain the process of digestion in the stomach?
- Q12. How is small intestine designed to absorb digested food?
- Q13. What is wool? Name the sources of wool?
- Q14. Explain the steps involved in the wool production?

### **PROJECT:**

- Q15. Collect various coloured leaves and paste them.
- Q16. Draw the following diagrams and arrange them in a file:
  - Ø Diagram showing photosynthesis
  - Ø Stomata
  - Ø A section through a leaf
  - Ø Pitcher plant showing lid and pitcher
  - Ø Human digestive system

Ø Diagram showing oesophagus and stomach

Ø Digestive system in ruminants

Ø Amoeba

Ø Life history of silk moth

Ø Rearing silk worms

Q17. In an outline map of India, name the places on the map where you find animals that produces wool?

Q18. Write and learn question answer of chapter 1 and chapter 2?

**SOLVE THE PAPER**

**MM: 30**

Q1. Tick the correct answer:-

2 mark

a) Amarbel is an example of

- i) Autotroph
- ii) Parasite
- iii) Saprotroph
- iv) Host

b) Water from the undigested food is absorbed mainly in the

- i) Stomach
- ii) Foodpipe
- iii) Small intestine
- iv) Large intestine

c) Which of the following does not yield wool

- i) Yak
- ii) Camel
- iii) Goat
- iv) Woolly dog

d) Amoeba digest its food in the

- i) Cytoplasm
- ii) Pseudopodia
- iii) Food vacuole
- iv) stomach

Q2) FILL IN THE BLANKS:

2 mark

- i) The largest gland in the human body is -----
- ii) The most common silk moth is -----
- iii) The main steps of nutrition in human are -----,-----,-----,----- and-----.
- iv) The food synthesized by the plant is stored as -----

Q3) True or false:-

2 marks

- 1) Plants which synthesise their food themselves are called saprotrophs ().
- 2) The gall bladder temporarily stores bile ().
- 3) The rearing of silkworms for obtaining silk is called sericulture. ()
- 4) The saliva breaks down the starch into sugars ().

Q4) Answer the following:

1 MARK

Q1) what are stomata? Write about the function of stomata?

Q2) name three glands associated with the digestive system?

Q3) where angora goats found in India?

Q4) define symbiotic relationship with example?

Q5) ANSWER THE FOLLOWING:

2 MARK

Q1) Distinguish between a parasite and a saprotroph?

Q2) What is meant by the following:

a) shearing

b) Rearing

Q3) where is the bile produced? Which component of the food does it help to digest?

Q6) ANSWER THE FOLLOWING:

3 MARK

Q1) what are villi? What is their location and function?

Q2) Draw various stages in life history of silk moth?

Q3) Define photosynthesis? Write the equation of photosynthesis? What are the factors essential for the photosynthesis to take place?

Q7) ANSWER THE FOLLOWING:

5 MARK

Q1) which part of the digestive canal is involved in:

- I) Absorption of food -----
- II) Chewing of food -----
- III) Killing of bacteria -----
- IV) Complete digestion of food -----
- V) Formation of faeces -----

## WORK TO BE DONE DURING SUMMER HOLIDAYS

### CLASS: VII (2021-22)

1. Download the App “NCERT BOOKS” in your desktop/ laptop/mobile. It contains all the ncert books with new syllabus for this cbse session.
2. **HONEYCOMB:** Read Chapter:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.
3. **POETRY:** Recite Poem:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.
4. **THE ALIEN HAND:** Read Chapter:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.
5. **PROJECT WORK (MAPPING):** Prepare a chart on any popular personality of Jabalpur and write an Essay about her/him.
6. **WRITING SECTION:**

**A) Paragrapg writing:** write down 10 Paragraph in your notebook on the following topics:

- 1.) Importance of good health
- 2.)Importance of education
- 3.) Importance of games and sports
- 4.) Importance of hard work
- 5.) Importance of Discipline
- 6.) Importance of cleanliness
- 7.) Bad effects of junkfood on health
- 8.) Importance of morning walk
- 9.) Importance of exercise
- 10.)during the Quarantine Period what changes do you felt within yourself to make  
you a better person

**B) Story Writing:** Write 10 short stories by your own

7. After the end of the lockdown period, purchase “Arihant NCERT Practice workbook” new edition for English and do **“Worksheet 1-5”** in your notebook also practice grammar i.e **Tense, Active Passive, Direct to Indirect Speech, Articles & Preposition**

**Note:** If you find anything difficult to understand, you can ask for extra online class during vacations.

\*\*\*\*\*Happy Holidays & Stay Safe\*\*\*\*\*

## Kendriya Vidyalaya TFRI Jabalpur

### Summer vacation Home work Maths (2021-22)

#### Class :VII

Q.1. Use the sign of  $>$ ,  $<$  or  $=$  in the box to make the statements true.

- (a)  $(-8) + (-4)$    $(-8) - (-4)$   
 (b)  $(-3) + 7 - (19)$    $15 - 8 + (-9)$   
 (c)  $23 - 41 + 11$    $23 - 41 - 11$   
 (d)  $39 + (-24) - (15)$    $36 + (-52) - (-36)$   
 (e)  $-231 + 79 + 51$    $-399 + 159 + 81$

- Q.2 A shopkeeper earns a profit of `Re 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock.
- (i) In a particular month she incurs a loss of Rs5. In this period, she sold 45 pens. How many pencils did she sell in this period?
- (ii) In the next month she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?

Q.3 Solve:-

(v)  $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$       (vi)  $2\frac{2}{3} + 3\frac{1}{2}$       (vii)  $8\frac{1}{2} - 3\frac{5}{8}$

2. Find: (a)  $\frac{1}{2}$  of (i)  $2\frac{3}{4}$  (ii)  $4\frac{2}{9}$  (b)  $\frac{5}{8}$  of (i)  $3\frac{5}{6}$  (ii)  $9\frac{2}{3}$



Q.4 .Number of children in six different classes are given below. Represent the data on a bar graph.

Class	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
Number of Children	135	120	95	100	90	80

- (a) How would you choose a scale?  
(b) Answer the following questions:  
(i) Which class has the maximum number of children? And the minimum?  
(ii) Find the ratio of students of class sixth to the students of class eight.

Q.5 Reduce to standard form:

- (i)  $36/24$  (ii)  $3/15$

Find each of the following products:

- (a)  $3 \times (-1)$  (b)  $(-1) \times 225$   
(c)  $(-21) \times (-30)$  (d)  $(-316) \times (-1)$   
(e)  $(-15) \times 0 \times (-18)$  (f)  $(-12) \times (-11) \times (10)$   
(g)  $9 \times (-3) \times (-6)$  (h)  $(-18) \times (-5) \times (-4)$   
(i)  $(-1) \times (-2) \times (-3) \times 4$  (j)  $(-3) \times (-6) \times (-2) \times (-1)$

### PROJECTS

1. Draw a bar graph on a chart paper to show performance of your result from class III to class VI of four years.
2. Draw a number line and show different positive and negative numbers on it. On chart paper.
3. Draw any five symmetric figures and draw lines of symmetry.
4. Write and draw the letters having horizontal and vertical lines of symmetry. Draw them.

# केन्द्रीय विद्यालय उ.व.अ.स.जबलपुर

## ग्रीष्मावकाश गृहकार्य

### कक्षा-7

1. - प्रतिदिन 1 पेज सुलेख लिखें।
- 2.- अपने परिवार के सदस्यों के नाम हिंदी में लिखिए।
3. - पाठ -1 (हम पंछी उन्मुक्त गगन के) सचित्र कविता लिखकर प्रश्न उत्तर याद करें।
- 4.- पाठ - 2 पाठ के आधार पर लिखें कि घर पर होने वाले उत्सवों/समारोहों में बच्चे क्या-क्या करते हैं ? किन्ही 5 उत्सवों/समारोहों के चित्र एकत्रित करके उन्हें अपनी कॉपी में चिपकाकर उनके बारे में 5-5 पंक्तियाँ लिखें। (चित्र ना मिलने पर आप चित्र बनाकर भी लगा सकते हैं)
- 5.- प्रधानाचार्य को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखें।
- 6.- प्रधानाचार्य को शुल्क (फीस) माफ़ी के लिए प्रार्थना-पत्र लिखें।
- 7.- किन्ही पाँच नदियों के नाम लिखकर नदियों से होने वाले लाभों के विषय में 10-10 पंक्तियाँ लिखें।
- 8.- अपने क्षेत्र से सम्बंधित किसी प्रसिद्ध व्यक्तित्व पर 10 पंक्तियाँ लिखें।
- 9.- अ से अ: तक की मात्राओं के 10 -10 शब्द लिखें।
- 10.- अपने स्कूल परिसर पर एक पोस्टर बनाएं।

**KENDRIYA VIDYALAYA TFRI**

**SUMMER VACATIONS: HOLIDAY HOMEWORK 2021-22**

**SUBJECT: SOCIAL SCIENCE**

**CLASS 7<sup>th</sup>**

1. Poster making -Make the poster on the following in relation to your locality-  
ROLL NO 1-20 - a) Famous historical buildings/monuments  
ROLL NO 21- 40 - b) Local festivals
2. Make Nagaland toy by using waste material Eg.



3. Revise following chapters and their exercise completed till now:  
Environment, Tracing Changes through a Thousand Years, On Equality.
4. Prepare a map of India showing all our neighbouring countries in different colours and their name and capital.
5. Prepare a map of India with name of all the States and their Capitals.

1. पोस्टर बनाना-अपने इलाके के संबंध में निम्नलिखित पर पोस्टर बनाएं-

रोल नंबर 1-20 - ए) प्रसिद्ध ऐतिहासिक इमारतें / स्मारक

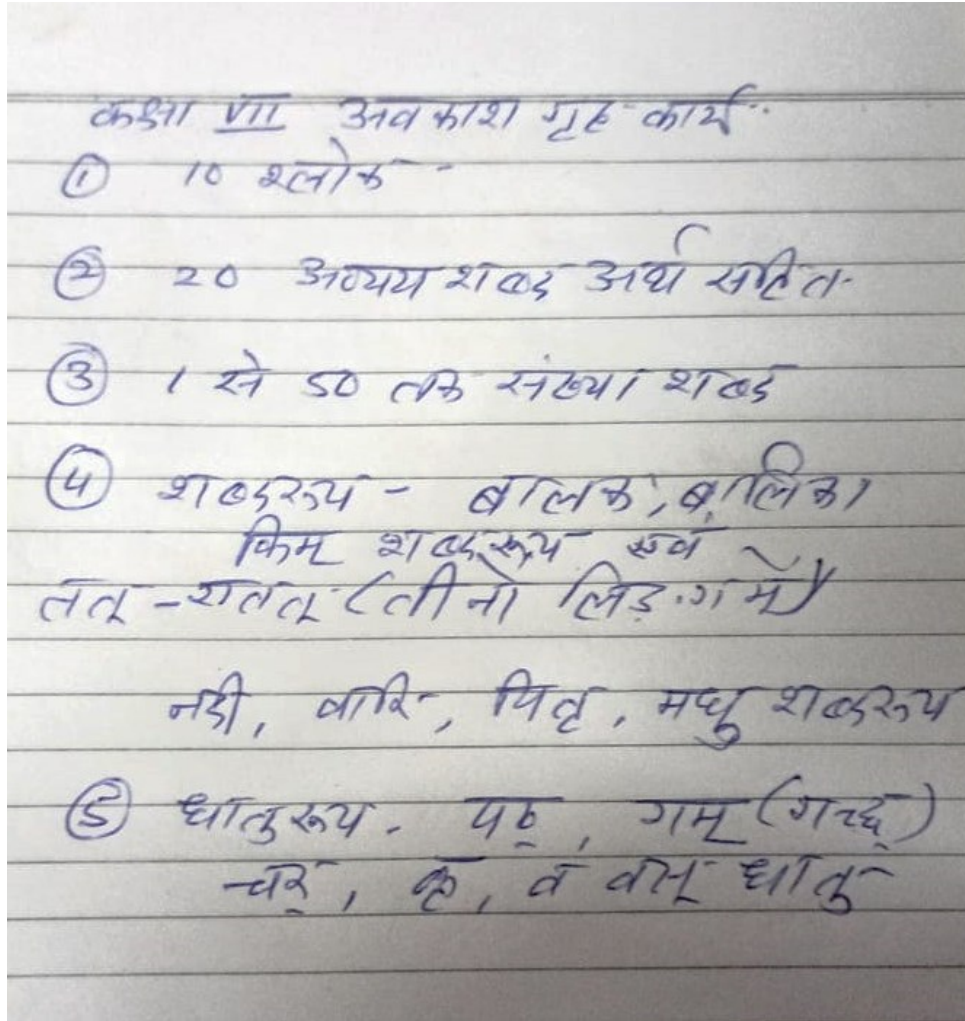
रोल नं 21- 40 - बी) स्थानीय त्योहार

2. अपशिष्ट पदार्थ का उपयोग करके नगालैंड खिलौना बनाओ

3. निम्नलिखित अध्यायों और उनके अब तक के अभ्यास को याद करें: पर्यावरण, अनुरेखण परिवर्तन एक हजार वर्षों के माध्यम से, समानता पर।

4. हमारे सभी पड़ोसी देशों को अलग-अलग रंगों से और उनके नाम लिख कर उनकी राजधानी मानचित्र पर दर्शाए।

5. सभी राज्यों और उनके राजधानियों के नाम के साथ भारत का नक्शा तैयार करें।



## SUMMER VACATION HOLIDAY HOME-WORK SCIENCE

### Class 7

#### Answer the following:

- Q1. Information on insectivorous plant with diagram?
- Q2. Write down the importance of mushroom?
- Q3. Write down in detail the disease of digestive system?
- Q4. Write a short note on tooth decay?
- Q5. Name the raw materials needed for photosynthesis.
- Q6. Mention the role of chlorophyll in photosynthesis.
- Q8. How are nutrient replenished in the soil?

Q9. What is tongue? Write its functions?

Q10. Explain the process of rumination?

Q11. Explain the process of digestion in the stomach?

Q12. How is small intestine designed to absorb digested food?

Q13. What is wool? Name the sources of wool?

Q14. Explain the steps involved in the wool production?

PROJECT:

Q15. Collect various coloured leaves and paste them.

Q16. Draw the following diagrams and arrange them in a file:

Ø Diagram showing photosynthesis

Ø Stomata

Ø A section through a leaf

Ø Pitcher plant showing lid and pitcher

Ø Human digestive system

Ø Diagram showing oesophagus and stomach

Ø Digestive system in ruminants

Ø Amoeba

Ø Life history of silk moth

Ø Rearing silk worms

Q17. In an outline map of India, name the places on the map where you find animals that produce wool?

Q18. Write and learn question answer of chapter 1 and chapter 2?

**SOLVE THE PAPER**

**MM: 30**

Q1. Tick the correct answer:-

2 mark

a) Amarbel is an example of

- i) Autotroph
- ii) Parasite
- iii) Saprotroph
- iv) Host

b) Water from the undigested food is absorbed mainly in the

- i) Stomach
- ii) Foodpipe
- iii) Small intestine
- iv) Large intestine

c) Which of the following does not yield wool

- i) Yak
- ii) Camel
- iii) Goat
- iv) Woolly dog

d) Amoeba digest its food in the

- i) Cytoplasm
- ii) Pseudopodia
- iii) Food vacuole
- iv) stomach

Q2) FILL IN THE BLANKS:

2 mark

- i) The largest gland in the human body is -----
- ii) The most common silk moth is -----
- iii) The main steps of nutrition in human are -----,-----,-----,----- and-----.
- iv) The food synthesized by the plant is stored as -----

Q3) True or false:-

2 marks

- 1) Plants which synthesise their food themselves are called saprotrophs ().
- 2) The gall bladder temporarily stores bile ().
- 3) The rearing of silkworms for obtaining silk is called sericulture. ()
- 4) The saliva breaks down the starch into sugars ().

Q4) Answer the following:

1 MARK

Q1) what are stomata? Write about the function of stomata?

Q2) name three glands associated with the digestive system?

Q3) where angora goats found in India?

Q4) define symbiotic relationship with example?

Q5) ANSWER THE FOLLOWING:

2 MARK

Q1) Distinguish between a parasite and a saprotroph?

Q2) What is meant by the following:

a) shearing

b) Rearing

Q3) where is the bile produced? Which component of the food does it help to digest?

Q6) ANSWER THE FOLLOWING:

3 MARK

Q1) what are villi? What is their location and function?

Q2) Draw various stages in life history of silk moth?

Q3) Define photosynthesis? Write the equation of photosynthesis? What are the factors essential for the photosynthesis to take place?

Q7) ANSWER THE FOLLOWING:

5 MARK

Q1) which part of the digestive canal is involved in:

I) Absorption of food -----

II) Chewing of food -----

- III) Killing of bacteria -----
- IV) Complete digestion of food -----
- V) Formation of faeces -----

### **WORK TO BE DONE DURING SUMMER HOLIDAYS**

#### **CLASS: VII (2021-22)**

1. Download the App “NCERT BOOKS” in your desktop/ laptop/mobile. It contains all the ncert books with new syllabus for this cbse session.
2. **HONEYCOMB:** Read Chapter:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.
3. **POETRY:** Recite Poem:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.
4. **THE ALIEN HAND:** Read Chapter:1 & 2 and write down all the question answers in your holiday homework notebook including comprehension questions, exercise and long answer type questions.



5. **PROJECT WORK (MAPPING):** Prepare a chart on any popular personality of Jabalpur and write an Essay about her/him.

6. **WRITING SECTION:**

**A) Paragrapg writing:** write down 10 Paragraph in your notebook on the following topics:

1.) Importance of good health

2.)Importance of education

3.) Importance of games and sports

4.) Importance of hard work

5.) Importance of Discipline

6.) Importance of cleanliness

7.) Bad effects of junkfood on health

8.) Importance of morning walk

9.) Importance of exercise

10.)during the Quarantine Period what changes do you felt within yourself to make

you a better person

**B) Story Writing:** Write 10 short stories by your own

7. After the end of the lockdown period, purchase “Arihant NCERT Practice workbook” new edition for English and do “**Worksheet 1-5**” in your notebook also practice grammar i.e **Tense, Active Passive, Direct to Indirect Speech, Articles & Preposition**

**Note:** If you find anything difficult to understand, you can ask for extra online class during vacations.

\*\*\*\*\*Happy Holidays & Stay Safe\*\*\*\*\*

**Kendriya Vidyalaya TFRI Jabalpur**

**Summer vacation Home work Maths (2021-22)**

**Class :VII**

Q.1. Use the sign of  $>$ ,  $<$  or  $=$  in the box to make the statements true.

- (a)  $(-8) + (-4)$    $(-8) - (-4)$   
 (b)  $(-3) + 7 - (19)$    $15 - 8 + (-9)$   
 (c)  $23 - 41 + 11$    $23 - 41 - 11$   
 (d)  $39 + (-24) - (15)$    $36 + (-52) - (-36)$   
 (e)  $-231 + 79 + 51$    $-399 + 159 + 81$

Q.2 A shopkeeper earns a profit of `Re 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of her old stock.

- (i) In a particular month she incurs a loss of Rs5. In this period, she sold 45 pens. How many pencils did she sell in this period?  
 (ii) In the next month she earns neither profit nor loss. If she sold 70 pens, how many pencils did she sell?

Q.3 Solve:-

(v)  $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$  (vi)  $2\frac{2}{3} + 3\frac{1}{2}$  (vii)  $8\frac{1}{2} - 3\frac{5}{8}$

2. Find: (a)  $\frac{1}{2}$  of (i)  $2\frac{3}{4}$  (ii)  $4\frac{2}{9}$  (b)  $\frac{5}{8}$  of (i)  $3\frac{5}{6}$  (ii)  $9\frac{2}{3}$

Q.4 .Number of children in six different classes are given below. Represent the data on a bar graph.

Class	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
Number of Children	135	120	95	100	90	80

- (a) How would you choose a scale?  
 (b) Answer the following questions:  
 (i) Which class has the maximum number of children? And the minimum?  
 (ii) Find the ratio of students of class sixth to the students of class eight.

Q.5 Reduce to standard form:

(i)  $36/24$  (ii)  $3/15$

Find each of the following products:

- (a)  $3 \times (-1)$  (b)  $(-1) \times 225$   
 (c)  $(-21) \times (-30)$  (d)  $(-316) \times (-1)$   
 (e)  $(-15) \times 0 \times (-18)$  (f)  $(-12) \times (-11) \times (10)$

(g)  $9 \times (-3) \times (-6)$  (h)  $(-18) \times (-5) \times (-4)$

(i)  $(-1) \times (-2) \times (-3) \times 4$  (j)  $(-3) \times (-6) \times (-2) \times (-1)$

### **PROJECTS**

1. Draw a bar graph on a chart paper to show performance of your result from class III to class VI of four years.

2. Draw a number line and show different positive and negative numbers on it. On chart paper.

3. Draw any five symmetric figures and draw lines of symmetry.

4. Write and draw the letters having horizontal and vertical lines of symmetry. Draw them.

# केन्द्रीय विद्यालय उ.व.अ.स.जबलपुर

## ग्रीष्मावकाश गृहकार्य

### कक्षा-7

1. - प्रतिदिन 1 पेज सुलेख लिखें।
- 2.- अपने परिवार के सदस्यों के नाम हिंदी में लिखिए।
3. - पाठ -1 (हम पंछी उन्मुक्त गगन के) सचित्र कविता लिखकर प्रश्न उत्तर याद करें।
- 4.- पाठ - 2 पाठ के आधार पर लिखें कि घर पर होने वाले उत्सवों/समारोहों में बच्चे क्या-क्या करते हैं ? किन्ही 5 उत्सवों/समारोहों के चित्र एकत्रित करके उन्हें अपनी कॉपी में चिपकाकर उनके बारे में 5-5 पंक्तियाँ लिखें। (चित्र ना मिलने पर आप चित्र बनाकर भी लगा सकते हैं )
- 5.- प्रधानाचार्य को दो दिन के अवकाश के लिए प्रार्थना-पत्र लिखें।
- 6.- प्रधानाचार्य को शुल्क (फीस) माफ़ी के लिए प्रार्थना-पत्र लिखें।
- 7.- किन्ही पाँच नदियों के नाम लिखकर नदियों से होने वाले लाभों के विषय में 10-10 पंक्तियाँ लिखें।
- 8.- अपने क्षेत्र से सम्बंधित किसी प्रसिद्ध व्यक्तित्व पर 10 पंक्तियाँ लिखें।
- 9.- अ से अ: तक की मात्राओं के 10 -10 शब्द लिखें।
- 10.- अपने स्कूल परिसर पर एक पोस्टर बनाएं।