

# SHIVALIK PUBLIC SCHOOL, MOHALI

## CLASS VIII

### HOLIDAYS HOMEWORK

#### ENGLISH

- (1) Descriptive Paragraph on a cafe around you, you like to visit and draw a picture with it.
- (2) Informal letter writing – Write a letter to your friend living in abroad telling him/her about you are planning to spend your summer vacations.
- (3) Learn and Revise your syllabus till Unit 2 (till where completed)
- (4) **Art integrated Project** Compare the Tourist spots of Odisha and Punjab write about them and also paste related pictures on a chart paper.

#### Tenses worksheet

1. Damon drinks coffee every morning.
2. The boy got up late and missed the bus.
3. My mother goes to pray in the temple.
4. The team is playing very well.
5. The school will be closed for winter break.
6. Leonard graduated from college last year.
7. The baby has eaten all the chips.
8. Have you read Pride and Prejudice?
9. The train has just left the station.
10. The sick child has been sleeping for three hours.
11. The boy speaks the truth. (Present Continuous Tense)
12. Mr Cooper has spoken about Dinosaurs. (Present Perfect Continuous Tense)
13. The boat sailed yesterday. (Simple Present Tense)
14. Amy went to school yesterday. (Future Continuous Tense)
15. The baby cried for hours. (Present Perfect Continuous Tense)
16. Robert ate all the cookies. (Present Perfect Tense)
17. I have finished my assignment. (Past Perfect Tense)

18. Mr Bert had taught for five years. (Past Perfect Continuous Tense).

19. Dev saw the Prime Minister yesterday. (Future Continuous Tense)

20. Priya shall finish her stitching by then. (Future Perfect Tense)

## हिन्दी

### निर्देश

\* सुलेख विद्यार्थी designer sheet पर करेंगे ।

\* क्रियाकलाप विद्यार्थी designer sheet पर करेंगे ।

\* रचनात्मक कार्य विद्यार्थी अपनी हिंदी की उत्तर पुस्तिका पर करेंगे।

कार्य :-

1. हिंदी वसंत भाग 2 में से कोई 10 सुलेख लिखो।

2. ( क्रिया कलाप ) पाठ लाख की चूड़ियाँ के आधार पर लाख से निर्मित किन्हीं 5 वस्तुओं का सचित्र वर्णन करें ।

3. (क्रिया कलाप ). पाठ सूरदास के पद के आधार पर भक्ति काल के किन्हीं 5 कवियों का सचित्र वर्णन करें।

4. (Art integration activity)

पंजाब तथा उड़ीसा के लोगों के लोक नृत्य कला के बारे में लिखें तथा चित्र लगाएं ।

5. अपनी हिंदी उत्तर पुस्तिका में निम्नलिखित अनुच्छेद लिखो:-

(1) पेड़ों का महत्व

(2) प्रदूषण की समस्या

6. हिन्दी उत्तर पुस्तिका में अभी तक किए सारे कार्य को याद करें

## ਪੰਜਾਬੀ

ਜ਼ਰੂਰੀ ਹਦਾਇਤਾਂ

- ਵਿਦਿਆਰਥੀ ਸਾਰੀਆਂ ਗਤੀਵਿਧੀਆਂ ਨੂੰ ਡਿਜ਼ਾਇਨਰ ਸ਼ੀਟ ਉੱਤੇ ਕਰਨਗੇ ।
- ਲਿਖਾਈ ਸਾਫ ਅਤੇ ਸੁੰਦਰ ਕਰੇ ।

• ਸ਼ਬਦਾਂ ਦੀ ਬਣਤਰ ਦਾ ਵਿਸ਼ੇਸ਼ ਧਿਆਨ ਦਿੱਤਾ ਜਾਵੇ ।

1. ਛਿੰੜ ਛਰਾਹਾਂ ਦੀ 'ਪਾਠ ਉੱਤੇ ਅਧਾਰਿਤ ਗਤੀਵਿਧੀ - ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਅਤੇ ਤਿਉਹਾਰਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਲਗਾਓ ਅਤੇ ਉਹਨਾਂ ਬਾਰੇ ਲਿਖੋ ।
2. 'ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ 'ਪਾਠ ਉੱਤੇ ਅਧਾਰਿਤ ਗਤੀਵਿਧੀ - ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦੁਆਰਾ ਕੀਤੇ ਜਨਤਕ ਭਲਾਈ ਦੇ ਕੰਮਾਂ ਨੂੰ ਡਿਜ਼ਾਇਨਰ ਸੀਟ ਉੱਤੇ ਲਿਖੋ ।
3. 'ਪੰਜਾਬ 'ਕਵਿਤਾ ਉੱਤੇ ਅਧਾਰਿਤ ਗਤੀਵਿਧੀ - ਪੰਜਾਬ ਦੇ ਸੱਭਿਆਚਾਰ ਨੂੰ ਤਸਵੀਰਾਂ ਸਹਿਤ ਪ੍ਰਗਟਾਉਂਦੇ ਹੋਏ ਕੋਲਾਜ ਬਣਾਓ ।
4. 'ਪੰਜਾਬ ਦੇ ਲੋਕ ਨਾਚ 'ਪਾਠ ਉੱਤੇ ਅਧਾਰਿਤ ਗਤੀਵਿਧੀ - ਪੰਜਾਬ ਦੇ ਕੋਈ ਦੋ ਲੋਕ ਨਾਚਾਂ ਬਾਰੇ ਤਸਵੀਰਾਂ ਲਗਾਓ ਅਤੇ ਜਾਣਕਾਰੀ ਦਿਓ ।
5. Art integration project -  
ਪੰਜਾਬ ਅਤੇ ਉੜੀਸਾ ਨਾਲ ਸੰਬੰਧਿਤ ਚਾਰ ਫਸਲਾਂ ਬਾਰੇ ਲਿਖੋ ਅਤੇ ਉਹਨਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਵੀ ਚਿਪਕਾਓ ।
6. ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਪੰਜਾਬੀ ਦੀ ਕਾਪੀ ਉੱਤੇ ਹੇਠਾਂ ਲਿਖੇ ਦੋ ਪੱਤਰ ਲਿਖਣਗੇ:-

ਤੁਹਾਡਾ ਭਰਾ ਟੈਲੀਵਿਜ਼ਨ ਬਹੁਤ ਦੇਖਦਾ ਹੈ ,ਉਸਨੂੰ ਜਿਆਦਾ ਟੈਲੀਵਿਜ਼ਨ ਦੇਖਣ ਦੇ ਨੁਕਸਾਨ ਦੱਸਦੇ ਹੋਏ ਪੜਾਈ ਲਈ ਪ੍ਰੇਰਿਤ ਕਰੋ ।

ਮਿੱਤਰ ਨੂੰ ਸਲਾਨਾ ਪ੍ਰੀਖਿਆ ਵਿੱਚ ਅੱਵਲ ਆਉਣ ਤੇ ਵਧਾਈ ਪੱਤਰ ਲਿਖੋ ।

ਸਾਰੇ ਵਿਦਿਆਰਥੀ, ਪੰਜਾਬੀ ਦਾ ਜਿੰਨਾ ਵੀ ਕੰਮ ਕਰਵਾਇਆ ਗਿਆ ਹ ਉਸ ਨੂੰ ਯਾਦ ਕਰਨਗੇ ।

## **MATHS**

NOTE: Do the holiday homework in a separate copy. Do Q.no-7 and 9 on colourful sheet.

### **Ch 1 RATIONAL NUMBER**

Q.1 Verify the following by taking

(i)  $x = \underline{2}$  ,  $y = \underline{-5}$  ,  $z = \underline{5}$

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

$$(iii) x + (y + z) = (x + y) + z$$

Q.2 Name the property used in the following given a, b, c are rational numbers.

1.  $a \times (b \times c) = (a \times b) \times c$  \_\_\_\_\_
2.  $0 \times a = a \times 0 = 0$  \_\_\_\_\_
3.  $a \times (b + c) = (a \times b) + (a \times c)$  \_\_\_\_\_
4.  $a + b = b + a$  \_\_\_\_\_
5.  $b + 0 = 0 + b = b$  \_\_\_\_\_
6.  $a + b$  is a rational number \_\_\_\_\_

### **CH 3 Understanding Quadrilaterals**

Q3 State true or false

- (i) Every trapezium is a square \_\_\_\_\_.
- (ii) All squares are rectangles \_\_\_\_.
- (iii) Sum of all the angles of a trapezium is  $360^\circ$  \_.
- (iv) All squares are rhombuses \_.
- (v) All parallelograms are rectangles \_.
- (vi) Sum of exterior angles of a rhombus is  $360^\circ$  \_.
- (vii) All rectangles are squares \_\_\_\_.
- (viii) All rectangles are parallelograms \_\_\_\_\_.
- (ix) All rhombuses are parallelograms \_\_\_\_\_.
- (x) At least one pair of opposite sides of a trapezium are parallel \_.
- (xi) Every square is a trapezium \_\_\_\_\_.
- (xii) Every parallelogram is a rhombus \_\_\_\_\_.
- (xiii) An n- sided convex polygon has \_\_\_\_\_ diagonals.
- (xiv) The sum of the interior angles of pentagon is \_\_\_\_\_.
- (xv) The sum of all interior angles of a polygon of 'n' sides is \_\_\_\_\_.

Q4. In a quadrilateral PQRS;  $\angle P = 80^\circ$ ,  $\angle Q = 90^\circ$ ,  $\angle R = 65^\circ$ . Find the measure of  $\angle S$ . What kind of quadrilateral is it? Convex or concave.

Q5. Two angles of a quadrilateral is  $90^\circ$  each. The third and the fourth angles are in the ratio 2:3. Find the measure of the third and fourth angle.

Q6. ABCD is a parallelogram in which the adjacent angles are  $(4x - 15)^\circ$  and  $(5x - 3)^\circ$ . Find the measure of all the angles of the parallelogram

## **CH -2 LINEAR EQUATION IN ONE VARIABLE**

1. Solve  $5x + 7/2 = 3x/2 - 14$
2. Solve  $8x + 4 = 3(x - 1) + 7$
3. Solve  $5x - 2(2x - 7) = 2(3x - 1) + 7/2$
4. Find the solution of equation  $3(5z - 7) - 2(9z - 11) = 4(8z - 13) - 17?$
5. Find the value of y  $15(y - 4) - 2(y - 9) + 5(y + 6) = 0?$

Q7. DO ANY 5 RIDDLES OR PUZZLES.

Q8. LEARN TABLE 2 TO 20

Q9. WRITE ABOUT ANY 5 INDIAN MATHEMATICIAN

Q10. LEARN AND WRITE SQUARE OF NUMBERS FROM 1 TO 30

### **Art integration project**

Draw a bar graph of maximum and minimum temperature for any 10 days of June for PUNJAB AND ODISHA (Double bar graph showing comparison)

## **SCIENCE**

### **1. Fill in the blanks:**

- (a) The tiny organisms that cannot be seen by naked eyes are called .....
- (b) The scientific study of micro-organisms is known as .....
- (c) Bacteria are ..... organisms.
- (d) Fungi are usually made up of thread-like structure called .....
- (e) Bacteria and fungi are useful to prepare..... medicines.

### **2. State whether the statement is true or false:**

- (a) Micro-organisms cannot survive under extreme environmental conditions.
- (b) Viruses can only be detected under the electron microscope.

- (c) Alexander Fleming discovered the first antibiotic by using fungi Penicillium.
- (d) Antigens cannot affect our immune system.
- (e) Malaria is a vector-borne disease.

**3. Match the following:**

'A'	'B'
1. Kharif crops	a. Food for cattle
2. Rabi crops	b. Urea and super phosphate
3. Chemical fertilizers	c. Animal excreta, cow dung, urine and plant waste
4. Fodder	d. Wheat, gram, pea
5. Organic manure	e. Paddy and maize

**4. Select the correct word from the following list and fill in the blanks:**

float, water, crop, nutrients, preparation

1. The same kind of plants grown and cultivated on a large scale at a place is called..... .
2. The first step before growing crops is ..... of the soil.
3. Damaged seeds would ..... on top of water.
4. For growing a crop, sufficient sunlight and ..... and ..... from the soil are essential.

**5. Case based questions:**

Yash lived in Delhi and he loves to play football. But as of now his half yearly exams were going on so his mother didn't allow him to go out and play. She promised Yash that as soon as his exams are over, he can go and play.

Post exams he went out to play football with his friends in the park. Suddenly a mosquito bit him under his left knee. He came home and everything was normal that time. The next day his health started getting affected. His Parents rushed him to the doctor. The doctor prescribed some medicines and some medical tests. The next day parents went to the doctor with yash's medical report. In that report the platelet counts were very low. The doctor diagnosed him with Dengue fever. Yash was hospitalised for some time and followed a strict diet to recover as early as possible. And eventually some days passed and he recovered.

1.Organisms which cannot be seen by naked eye.

- (a) Plants
- (b) Animals
- (c) Microorganisms
- (d) None of these

2.The causative organisms of dengue is

- (a) Anopheles mosquito
- (b) Aedes aegypti mosquito
- (c) Dengue virus
- (d) None of these

3.How does dengue virus spread?

4.Write any three preventive measures for dengue fever.

### **Art Integration Project**

Compare the 'Cropping Pattern and Irrigation System' Of Punjab and Odisha. Paste pictures also.

### **Subject Enrichment Activity:**

Collect pictures of harmful and Useful microbes (3 for each type) and paste on A4 size sheet. Also mention their name and functions as useful or harmful microbes.

## **SOCIAL STUDIES**

### **1) MULTIPLE CHOICE QUESTIONS**

**Choose the correct answer:**

- i. The most important aspect of secularism is it's .....
  - (a) Separation of religion from state power
  - (b) Separation of politics from religion
  - (c) Separation of one community from another
  - (d) Mixing of religion with state power
- ii. The government cannot force Sikhs to wear a helmet while driving two wheelers because.....
  - (a) Sikhs are very powerful
  - (b) They do not obey government rules.
  - (c) They look handsome in turban.
  - (d) Wearing a turban is a very important part of Sikh religion
- iii. In American secularism, there is a.....
  - (a) Strict separation between religion and the state
  - (b) Loose separation between religion and the state
  - (c) Strict mingling of religion with the state
  - (d) Strict rule that contracts all religions
- iv. Which one is a correct statement with regards to Saudi Arabian?
  - (a) Non-Muslims can gather in a public place for prayer.
  - (b) They cannot build a temple, church etc.
  - (c) They can live in their own way
  - (d) None of these

## **2. FILL IN THE BLANK**

- I. The intervention of the state can also be in the term of.....
- II. In the United States of America, most children in government schools have to begin their school day reciting the 'Pledge of'
- III. The Indian State is not ruled by a ..... group and nor does it.....any one religion.
- IV. The most important aspect of secularism is its separation of religion from power.
- V. Government schools don't celebrate any festivals in the school premises.

## **3. WRITE TRUE AND FALSE**



- I. In Indian secularism the state is not strictly separate from religion.
- II. Wearing a turban is central to a Sikh's religious practice.
- III. Government schools can promote any one religion.
- IV. The Indian Constitution does not grant religious communities to set up their own schools and colleges.
- V. In Indian secularism, the State cannot intervene in religion.

#### **4. MATCH THE COLUMN**

##### Column A

- I. The Indian State
- II. The force used by a legal authority
- III. The practice of untouchability
- IV. Jews
- V. Muslims

##### Column B

- a) Abolished
- b) Skullcap
- c) Secular
- d) Headscarf
- e) Coercion

#### **5. Short Questions: -**

- Q1. How American constitution ensures that America is a secular state?
- Q2. What do you mean by the statement "The tyranny of majority could result in discrimination"?
- Q3. Why is it important to have separate state and religion?
- Q4. How other countries deal with separating religion from state?
- Q5. How India works to prevent domination of religion in majority?
- Q6. What are the objectives of a secular state?
- Q7. Can there be different views of the people of same religion?

#### **SUBJECT ENRICHMENT ACTIVITIES**

1. On the outline Political Map of India mark and locate all States and its capitals.
2. List five resources you use in your home and five resources you use in your classroom.

**3.** Prepare a list of the Fundamental Duties of Indian Constitution and learn them.

**4.** Indian Constitution is considered as longest and flexible in the world. Describe the different provisions that Indian Constitution has borrowed from other countries.

**(NOTE: DO ALL SUBJECT ENRICHMENT ACTIVITIES IN DESINGER SHEETS)**

### **ART INTEGRATED PROJECT**

Prepare a PORTFOLIO describing the “Historical Facts” of Odisha.

### **COMPUTER**

- Prepare a PowerPoint presentation on the topic “computer safety and security”. Collect the information related to the same. Add different transitions, and animation effects to the slides representing different activities.
- Write all the full forms of chapter 1. Revise the question answers and write them in the notebook

### **ART AND CRAFT**

- Make one Best out of waste project
- Make one Madhubani Painting