



DIPS EDUCATIONAL RESEARCH AND DEVELOPMENT BOARD
HOLIDAY TASKS FOR SUMMER BREAK
CLASS- 7th



Dear Students,

As the holidays approach, we hope you enjoy a refreshing and joyful break with your family. To keep the learning spirit alive, we have thoughtfully designed your holiday homework to be fun, engaging and creative. Here we go...

English

1. Find the famous tourist places of Jammu and Kashmir. Paste pictures and write a paragraph (150 words) on a chart.
2. Watch the movie 'Home Alone'
 - (i) Write 5 minute dialogues of the main character, Kevin with any other characters which you find interesting in the movie.
 - (ii) Explain the scene in your own words where Kevin goes to super store to buy groceries.
3. On a chart write all the eight parts of speech with definitions, their kinds and examples. Make it attractive with pictures.
4. Try cooking 3 vegetarian dishes (No Fire). Write the ingredients, method of cooking and nutritional value. Also click pictures of the dishes
5. List any five activities in detail by which you generate waste in your house

Maths

Q1. Evaluate:

i. $(-6) \times (-15) \times 0$

ii. $(-1) \times (-7) \times (-4) \times (-9)$

iii. $[(-36) \div 12] \div 3$

iv. $-31 \div [(-30) + (-1)]$

Q2. Find the value using suitable property:

$$159 \times 87 + 159 \times 13$$

Q3. Find $\frac{2}{9}$ of:

i. 27

ii. $7\frac{2}{9}$

Q4. Solve:

i. $\frac{-3}{7} + \frac{1}{3}$

ii. $-3\frac{1}{4} - 5\frac{5}{9} + 3\frac{7}{9}$

Q5. Divide:

i. $\frac{15}{7}$ by $\frac{12}{5}$

ii. $\frac{3}{10}$ by $\left(\frac{1}{4} \text{ of } \frac{3}{5}\right)$

Q6. If the supplement of an angle is 45° , then find its complement.

Q7. Among two supplement angle, the measure of the large angle is 44° more than the measure of the smaller angle. Find the angles.

Assignment : Write the names of 5 mathematicians who got Noble Prize and also mention the work for which they have got the Noble Prize.

Lab manual:-

Activity 5 : To Verify, that if two lines intersect at a point, than each pear of vertically opposite angles are equal by paper cutting and pasting

Activity 1 : To express exponents by paper folding.

Learn :- Ch-1 (Integers) , Ch-2 (Fraction & Decimal) Ch-5 (Lines And Angles) .

Be ready for a Welcome 'Class Test'.

Science

1. Nutrition in Plants

- Define: Autotrophs, Heterotrophs, Photosynthesis, Stomata
- Draw a labelled diagram of the process of photosynthesis.
- Write short answers:
 - Why are leaves called food factories of plants?
 - What is the role of chlorophyll and sunlight in photosynthesis?
 - What are insectivorous plants? Give 2 examples.

2. Nutrition in Animals

- Define: Ingestion, Digestion, Absorption, Assimilation, Egestion
- Diagram of the human digestive system (label neatly)
- Write short answers:
 - What is the function of saliva?
 - How does digestion occur in small intestine?
 - Name digestive juices and their roles

3. Heat

- Define: Temperature, Conduction, Convection, Radiation
- Diagram: Thermos flask and label its heat-preventing parts
- Short answers:
 - Why is woollen clothing preferred in winter?

- ii. How does land breeze and sea breeze occur?
- iii. Differences between clinical and laboratory thermometer

4. Acids, Bases, and Salts

- a. Define: Acid, Base, Indicator, Neutral
- b. Write short answers:
 - i. How can we test a substance using turmeric/pH paper?
 - ii. Why is it not safe to taste lab acids?
 - iii. Write uses of acids and bases in daily life

5. Model Making (Any One)

- Option A: Photosynthesis in plants
- Option B: Digestive System in Humans
- Option C: Heat Transfer Methods (Conduction, Convection, Radiation)

Social Science

1. History Project – Life in Medieval India

Chapter Reference: *Tracing Changes Through a Thousand Years*

Choose **any one of the following topics:**

- Life in a medieval village
- Kings and architecture
- A famous Mughal emperor

Prepare a 1–2 page write-up including:

- Key features (e.g., clothing, food, transport, housing)
- Role of the ruler or community
- Interesting fact or story

Include pictures, drawings, or printed photos.

2. Geography Activity – Mapping India’s Resources

Chapter Reference: *Our Environment / Inside Our Earth*

On a **physical map of India**, mark:

- 3 important mineral resources (e.g., coal, iron, bauxite)
- 3 rivers and mountain ranges
- One area where earthquakes are common

Use symbols and a **legend (key)**. Colour neatly and paste in your notebook.

3. Civics Assignment – My Rights and Responsibilities

Chapter Reference: *Equality in Indian Democracy*

Create a **two-column chart:**

- Left side: **Fundamental Rights** (choose 3)
- Right side: **Your Responsibilities** (related to each right)

Example:

- Right to Education → Attend school regularly and respect teachers

You can draw or decorate the page creatively.

4. Research Task – Women Who Made History

5. Bonus Fun Activity – Social Science Quiz (Optional)

Create a **quiz with 10 questions** from your Social Science syllabus.

- Include 2 questions each from History, Geography, and Civics
- The rest can be general awareness (e.g., national symbols, current leaders)

Ask your friends or family to play it!

Instructions:

- Use A4 sheets or your Social Science notebook.
- Use your creativity – diagrams, sketches, and neat presentation are encouraged.

Hindi

WRITING SECTION -

1. पाठ 1-6 तक कठिन शब्द ढूँढ कर लिखें व याद करें ।

2. अंग्रेजी शब्दों का हिंदी में अनुवाद करें-

Almost, among, Rarely, Till, Fortunately, volcano, Majestic, Train, Bank, Note book, Assignment, Judgement

3. हिंदी शब्दों का अंग्रेजी में अनुवाद करें-

बदनाम, प्रतिध्वनि, पक्षपात, अकुलाहट, दृष्टिकोण, मिशाल, आलोचना, उजियारे, अमल

4. वर्ण विच्छेद करें-

अपने नाम का वर्ण विच्छेद, दृश्य, सृष्टि प्रकाश, प्रतिकूल, सहानुभूति, अनिवार्य, विद्यालय, अत्यधिक

5. कोई 10-10 उपसर्ग एवं प्रत्यय में से मूल शब्द अलग-अलग करके लिखें व याद करें।

6. अध्यापक-अध्यापिकाओं के बारे में आपके मन में कैसी भावना है ? इस विषय से संबंधित अपने विचारों को लिखिए।

7. आपने अगर कोई लक्ष्य निर्धारित किया था तो उसे पूरा करने के लिए आपने क्या किया । इसके विचार लिखकर

साँझा करें।

ACTIVITY SECTION -

सर्वनाम, विशेषण के भेदों का परिभाषा एवं उदाहरण लिखकर चार्ट किन्हीं एक विषय पर बनाए ।

Punjabi

Writing Section-

1. ਲੇਖ ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ
2. ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ-
ਉਸਤਤ, ਉਸਤਾਦ, ਉਮੰਗ, ਉਚਿਤ,
ਉਜਾਲਾ, ਉਪਕਾਰ, ਉਲਟਾ, ਅਕਲ,
ਅਜ਼ਾਦੀ, ਅਰੰਭ, ਅਮੀਰ, ਇਸਤਰੀ
3. ਅਸੁੱਧ-ਸੁੱਧ - ਕੇਹੜਾ, ਦੁਪੈਹਰ, ਤੈਹ, ਸਿਖਰ, ਦੇਸ਼ੀ, ਅਵਾਜ, ਸ਼ੀਤਲ, ਗੈਰਾ, ਜੇਹਲਮ, ਸੌਹਰਾ

Learning Section-

1. ਲੇਖ ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ
2. ਪਾਠ- 5 'ਅਸੀ ਹਾ' ਭਾਰਤ ਵਾਸੀ'
3. ਮੁਹਾਵਰੇ ਓ-ਅ

Assignment-

1. ਵਿਸ਼ੇਸ਼ਣ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਕਿਸਮਾਂ ਸੰਬੰਧਿਤ ਚਾਰਟ ਬਣਾਓ।
2. ਕਿਸੇ ਪੰਜਾਬੀ ਖਬਰਾਂ ਦੇ ਚੈਨਲ ਤੋਂ ਰੋਜ਼ਾਨਾ ਖਬਰਾਂ ਸੁਣੋ ਤੇ ਹੇਠਾਂ ਲਿਖੀਆਂ ਹੋਈਆਂ ਖਬਰਾਂ ਪੜ੍ਹੋ ਜਾਂ ਅਖ਼ਬਾਰ ਪੜ੍ਹੋ। ਅੱਖੇ ਸ਼ਬਦ ਕਾਪੀ ਤੇ ਲਿਖੋ।
3. ਛੁੱਟੀਆਂ ਦੌਰਾਨ ਤੁਸੀ ਕਿਹੜੇ ਇਤਿਹਾਸਕ ਸਥਾਨ ਦੀ ਯਾਤਰਾ ਕੀਤੀ ਉਸ ਨਾਲ ਸੰਬੰਧਿਤ ਜਾਣਕਾਰੀ ਲਿਖੋ।



Stay safe, have fun and make the most of your summer holidays!

We'll see you soon with new energy and bright smile.



