

असतो मा सद्गमय, तमसो मा ज्योतिर्गमय।।



**NEW INDIA SENIOR SECONDARY SCHOOL  
SECTOR-15, PANCHKULA**

**Affiliated to CBSE**

[www.newindiapanchkula.in](http://www.newindiapanchkula.in)

**WINTER BREAK  
ASSIGNMENT**

**DECEMBER 31, 2024 TO JANUARY 15, 2025**

THE SCHOOL REOPENS ON JANUARY 16, 2025.



**CLASS-IV $\beta$**

Dear Parents

- Vacations are welcome break.....Break from schedules, rules and regulations of the school. Freedom brings more responsibility, so keeping this in mind, we have planned most of the activities to keep our children engaged and also help them in channelizing their energy. Kindly help and guide your child in completing his/her work and also exploring his/her creative self.

**Important Note:**

- These projects and assignments **will be assessed as a Subject Enrichment Activity and added to your Portfolio.**
- Please submit the Projects, Models and Assignments to your **Class Teacher on January 16, 2025.**
- Do the given homework in your respective subject notebooks.

**HAPPY HOLIDAYS !**

# ENGLISH

## Q.1 Read the passage carefully and answer the questions that follow:

In a sunny meadow, there lived an ant named Milo. Milo was always busy collecting food. Every day, he worked hard, carrying tiny pieces of grains to his home. His friends often laughed at him and said, "Why do you work so much? There's plenty of time to play!" One day, dark clouds covered the sky, and a heavy rainstorm began. The rain washed away all the food in the meadow. The ants who spent their time playing had no food left. They came to Milo and said, "Milo, can you help us? We have no food to eat." Milo thought for a while and decided to share his food. "You can take some, but next time, remember to work hard," Milo said kindly. The ants thanked him and promised to be more responsible in the future. This story reminds us that hard work and kindness go a long way.

- (a) Why do you think Milo decided to share his food with his friends, even though they laughed at him earlier?
- (b) What would have happened if Milo hadn't worked hard to collect food?
- (c) Find the synonym of 'kindly' from the passage.
- (d) Find the antonym of 'dark' from the passage.
- (e) What lesson do you learn from Milo's actions, and how can you apply it in your life?

## Q.2 Fill in the blanks with appropriate conjunctions:

- (a) Ants are small \_\_\_\_\_ they are very hardworking. (or/but)
- (b) The job is very exciting \_\_\_\_\_ badly paid. (and/but)
- (c) Jaya ran out \_\_\_\_\_ she heard the car horn. (when/but)
- (d) You will have to miss the picnic \_\_\_\_\_ you do not finish your homework. (and/if)
- (e) The children sang \_\_\_\_\_ they climbed up the hill. (as/but)

## Q.3 Fill in the blanks with correct prepositions:

- (a) The bird is flying \_\_\_\_\_ (over/under) the bridge.
- (b) I put the flowers \_\_\_\_\_ (in/on) the vase.
- (c) She hid the treasure \_\_\_\_\_ (behind/beside) the tree.
- (d) We will meet \_\_\_\_\_ (at/on) 6 o'clock.
- (e) My house is \_\_\_\_\_ (next to/far from) the school.

## Q.4 Write a paragraph on each of the following topics and learn them for ASL.

1. How I celebrated the New Year?
2. A fun game I played with my family.

## Q.5 Do Page no. 21 to 30 in Cursive Writing Book -7

### हिंदी

#### (क) अपठित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए -

एक तपती दोपहर में सुमन और उसके दोस्तों ने पास के जंगल में घूमने का फैसला किया। उन्होंने अपने साथ खाने के लिए कुछ नाश्ता रखा। अपनी लम्बी यात्रा के लिए जूते पहने और अपने साहसिक कार्य पर निकल पड़े। जैसे ही उन्होंने जंगल में प्रवेश किया। उन्होंने पेड़ों और पक्षियों की मधुर चहचहाट ने उनका स्वागत किया। उन्होंने एक संकरी पगडंडी पर जाने का निर्णय लिया। जो उन्हें जंगल में और अंदर ले गए। सुमन ने रास्ते में खिले हुए रंग बिरंगी जंगली फूलों को देखा। अचानक उन्हें सरसराहट की आवाज सुनाई दी। उन्होंने पीछे मुड़कर देखा। तो झाड़ियों में बीच से एक हिरण

शालीनता से उछल रहा था। उत्साह से उन सब ने अपनी खुद जारी रखी और ठंडे पानी के झरने के पास आ गए। उन्होंने अपने पैरों को ठंडे पानी में डुबोया और एक दूसरे पर चीत ऊपर चंचलता से छीटें मारें कुछ देर बाद आराम करने से वे अपने वन भ्रमण की साहसिक यादों को समझौते हुए और अपने ऊपर गर्व महसूस करते हुए वापस आ गए।

प्रश्न :- 1 सुमन और उसके दोस्तों ने कहा घूमने का फैसला किया?

प्रश्न :- 2 सुमन ने जंगल में प्रवेश करते हुए क्या सुना?

प्रश्न :- 3 उन्होंने रास्ते में क्या देखा?

प्रश्न :- 4 जब उन्होंने अपनी यात्रा जारी रखी तो उन्होंने क्या पाया ?

प्रश्न :- 5 सुमन उसकी सहेलियों को उनके वन साहसिक कार्य के बारे में कैसे लगा?

(ख) दिए गए शब्दों के पर्यायवाची शब्द लिखिए:

- (i) आकाश - .....
- (ii) वृक्ष - .....
- (iii) पुष्प - .....
- (iv) कामना - .....
- (v) विश्व - .....

(ग) क्रिया पहचानो:

- (i) वह पुस्तक पढ़ता है। .....
- (ii) मोहन भाग रहा है। .....
- (iii) रोगी खांस रहा है। .....
- (iv) चिड़िया उड़ रही है। .....
- (v) धोबी कपड़े धो रहा है। .....

(घ) काल पहचानो:

- (i) कल वह दिल्ली जाएगा। .....
- (ii) राम सो रहा है। .....
- (iii) कल नानी आई थी। .....
- (iv) चिड़िया दाना चुग रही है। .....
- (v) हम मेले में गए थे। .....

(ङ) दिए गए विषयों पर अनुच्छेद लिखिए और वाचन कौशल (ASL) के लिए याद कीजिये:

1. 'प्रदूषण एक समस्या'
- 2 'नारी शक्ति का महत्त्व'

# MATHEMATICS

Q.1 Write equivalent fractions of  $\frac{42}{49}$  with denominator 7.

Q.2 Convert smaller unit into larger unit.

- a) Convert 140 mm into cm
- b) Convert 7000 g into kg
- c) Convert 12 L Into mL

Q.3 Draw two clocks showing any time before noon and after noon.

Q.4 Solve:

- a) Rs 107.50, Rs 36.39, Rs 705.10
- b) Rs  $39.47 \times 9$
- c) Rs  $170.25 \div 5$

## PROJECT:

Q5. Make a fraction rotating wheel to understand various fractions and their comparison using coloured A4 sheets. **(ODD ROLL NUMBERS)**

Q6. Make a photo frame using measuring skills of geometrical shapes. **(EVEN ROLL NUMBERS)**

### Material Required:

- Hard cardboard
- A4 colourful sheets
- Sketch pens
- Fevicol
- Pencil
- Ruler
- Scissors

# SCIENCE

## PROJECT-1: Butterfly Life Cycle Diorama **(EVEN ROLL NUMBERS)**

### Learning Outcome:

- Students will understand and visualize the four distinct stages in the life cycle of a butterfly (egg, larva/caterpillar, pupa, and adult butterfly).
- They will learn how metamorphosis transforms butterflies through each stage, reinforcing the concept of life cycles in living organisms.

### Material Required:

- Shoe box
- Clay or playdough
- Coloured paper
- Markers
- Fevicol

## **Procedure:**

- Use the shoe box to create a miniature scene with different stages of a butterfly's life (egg, caterpillar, pupa, butterfly).
- Use clay or playdough to make 3D figures for each stage and label each one.
- By creating a model, students will enhance their spatial understanding and improve their fine motor skills.

## **PROJECT-2 : Water Cycle 3D Model (ODD ROLL NUMBERS)**

Create a 3D model of the Water Cycle to understand the movement of water through the environment and the processes involved.

### **Material Required:**

- A large cardboard or foam board (as the base)
- Coloured paper (blue, green, white, yellow)
- Cotton balls (for clouds)
- Plastic wrap (for water droplets)
- Straws or small plastic tubes (for the flow of water)
- Scissors and glue
- Markers or crayons (for labelling)
- Clear plastic bottle or small container (optional for water)
- Tape (for sticking)

### **Procedure:**

#### Step 1 : Create the Base

- Take a large cardboard or foam board. This will be the surface for your water cycle model.

#### Step 2: Cut and Colour Paper for the Water Bodies

#### Step 3: Make the Clouds

- Take cotton balls and pull them apart to create fluffy clouds.

#### Step 4: Show Evaporation

- Draw arrows to show that heat from the sun causes water in the oceans/ivers to evaporate into the air, turning into water vapor.

#### Step 5: Show Condensation

- Use clear plastic wrap or cellophane above the cotton balls to show condensation (cloud formation). You can even use small plastic droplets to represent the water vapor that condenses into clouds.

#### Step 6: Show Precipitation (Rain)

- Attach straws or small plastic tubes from the cloud area to the ground to represent water droplets falling as rain. You can use a blue marker to draw raindrops or use cotton to look like falling rain.

#### Step 7: Label the different parts of your model with small pieces of coloured paper:

- Evaporation
- Condensation
- Precipitation
- Collection
- You can also write a short description next to each part explaining what happens during that phase of the water cycle.

### Step 8: Optional - Water Movement

- If you want to show how water moves from the land back to the oceans, use plastic straws to create the flow of water into the rivers or oceans.

### Step 9: Final Touches

- Ensure all parts are securely glued and labelled clearly. You can add extra decoration around the model to make it colourful and neat.

## **SOCIAL SCIENCE**

### **PROJECT -1: Prepare a poster on Save Water (ROLL NO. 1 to 7)**

**Objective:** To know the value of water and its necessity in daily life.

#### **Material Required:**

- A4 sheet
- Pencil, eraser,
- Sketch pens, pencil colour, crayons or brush pens

#### **Procedure:**

- Take A4 sheet
- Draw and colour the poster beautifully.

### **PROJECT-2: Prepare a picture book on Jammu and Kashmir (ROLL NO. 8 to 14)**

**Objective:** To know the different features of Jammu and Kashmir

#### **Material Required:**

- Colourful A4 sheet
- Card board
- Scissor, fevicol
- Decorative items
- Pictures of food, dance, costume and tourist places of Jammu and Kashmir

#### **Procedure:**

- Prepare a picture book using colourful A4 sheet.
- Make the cover with cardboard.
- Paste the pics of food, dance, costume and tourist places according to the proper heading.
- Decorate it beautifully and colourfully.

### **PROJECT- 3: Prepare a picture book on Sikkim (ROLL NO. 15 to 22)**

**Objective:** To know the different features of Sikkim

#### **Material Required:**

- Colourful A4 sheet
- Card board
- Scissor, fevicol
- Decorative items
- Pictures of food, dance, costume and tourist places of Sikkim

**Procedure:**

- Prepare a picture book using colourful A4 sheet
- Make the cover with cardboard
- Paste the pics of food, dance, costume and tourist places according to the proper heading
- Decorate it beautifully and colourfully