



DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)
Affiliated to C.B.S.E, New Delhi Affiliation No.330530, School Code – 65572

DIWALI & CHHATH PUJA HOLIDAY ASSIGNMENT CLASS-VII (SESSION: 2024-25)

Are you looking for some interesting fun learning assignment to make your learning session interesting and engaging? Here in this assignment, you will find some very interesting and engaging tasks that will be fun solving.

ENGLISH

The students are directed to follow the guidelines provided below. Most of the texts in your syllabus has animal protagonist. Based on your understanding of each character, follow the given instructions.

Step 1: Choose Your Animal Protagonist

Identify which animal from your syllabus you want to focus on. Think about its characteristics, behaviors, and the role it plays in the story.

Step 2: Research

Gather information about the animal:

- Habitat- Where does it live?
- Behavior- What are its unique traits?
- Role in the Story-How does it contribute to the plot?

Step 3: Decide on the Model Type

Choose the type of model you want to create:

- 3D Model- Use materials like clay, cardboard, or recycled items.
- Poster-Combine visuals and information about the animal.

Step 4: Gather Materials

Depending on your chosen model type, collect the necessary materials:

- For a 3D model: Clay, paint, fabric, or other crafting supplies.
- For a poster: Paper, markers, images, and other decorative items.

Step 5: Create Your Model

Start building your model, keeping in mind the characteristics and setting of the animal. Focus on details that highlight its personality and role in the story.

Step 6: Presentation

Prepare to present your model.

Share interesting details about the animal and its significance. Explain what your model represents and how it connects to the story.

Step 7: Reflect

After completing your project, reflect on what you learned about the animal, and how it connects to broader themes in the syllabus.

हिन्दी

1. दीपावली का पर्व मनाते समय आप अपने पर्यावरण की सुरक्षा का ध्यान किस प्रकार रखेंगे? 80 से 100 शब्दों में लिखिए।

2. दीपावली का त्योहार क्यों मनाया जाता है? इससे जुड़ी पौराणिक कथा लिखिए।
3. दीपावली के त्योहार में शुभ का प्रतीक रंगोली आप कैसे बनाएँगे?
4. बाज़ार में बहुत से चाइनीज़ झालर और लाइटें आई हैं, उसको न खरीदकर आप मिट्टी के दिए को क्यों खरीदेंगे? 50 से 60 शब्दों में लिखिए।
5. मोमबत्ती/अगरबत्ती/दिया सलाई बनाने की विधि का वर्णन कीजिए।

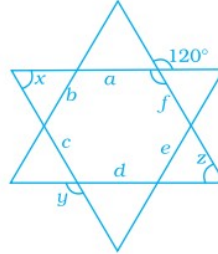
SANSKRIT

"दीपोत्सवः" - विषयम् आधारीकृत्य चित्रं निर्माय सरल-संस्कृतभाषया 10 वाक्यानि लिखत।

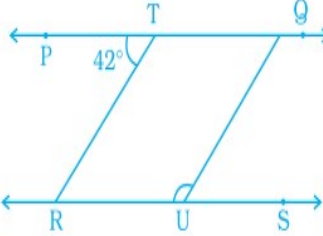
**चार्ट-पेपर-माध्यमेन कार्य करणीयम्।

MATHEMATICS

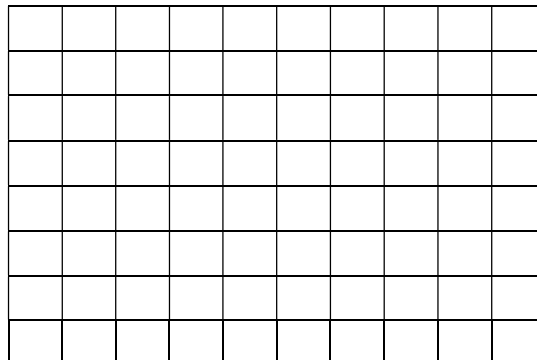
1. Amisha makes a star with the help of line segments a, b, c, d, e and f, in which $a \parallel d$, $b \parallel e$ and $c \parallel f$. Chhaya marks an angle as 120° as shown in Figure and asks Amisha to find $\angle x$, $\angle y$ and $\angle z$. Help Amisha in finding the angles.



2. In the given figure, if $PQ \parallel RS$, $TR \parallel QU$ and $\angle PTR = 42^\circ$, then find $\angle QUR$.



3. The angles of a triangle are arranged in descending order of their magnitudes. If the difference between two consecutive angles is 10° , find the three angles.
4. Imagine that a 10×10 grid has value 300 and that this value is divided evenly among the small squares. In other words, each small square is worth 3. Use a new grid for each part of this problem, and label each grid "Value: 300."



- (a) Shade 25% of the grid. What is 25% of 300?

Compare the two answers.

- (b) What is the value of 25 squares?
 - (c) Shade 17% of the grid. What is 17% of 300? Compare the two answers.
 - (d) What is the value of $\frac{1}{10}$ of the grid?
5. Priya deposited 20% of her money in a bank. After spending 20% of the remainder, she has ₹4800 left with her. How much did she originally have?
6. Make a working Model on Types of Triangle. For your reference, click on the link given below:
<https://www.youtube.com/shorts/tqSdffvdlcU>
7. Make a chart on Properties of Parallel Lines.

SCIENCE

1. Make a 2D/3D/working model of human excretory system using eco-friendly materials.
2. Draw a labelled diagram of human heart and also show the direction of blood flow.
3. Rohan observed that his potted plant started wilting after not being watered for a week. After he watered it, the plant gradually recovered. He was curious about how water reaches different parts of the plant.
- (a) How is water transported from the soil to the leaves of the plant?
 - (b) Which part of the plant helps in absorbing water from the soil?
 - (c) Name the tissue responsible for transporting water and minerals in plants.
 - (d) What would happen to the plant if the roots were damaged or not functioning properly?
4. Cheetahs are known for their exceptional speed, capable of running up to 112 km/h (70 mph) in short bursts. During a chase, a cheetah's body undergoes extreme physiological changes, particularly in its blood circulation, to maintain oxygen supply to muscles. Despite these adaptations, cheetahs can only sustain this speed for about 20-30 seconds before they need to rest.
- (a) How does the cheetah's circulatory system adapt during a high-speed chase to ensure sufficient oxygen supply to its muscles?
 - (b) Why can't the cheetah maintain its top speed for longer periods, despite its efficient blood circulation system?
 - (c) What happens to the cheetah's blood circulation when it needs to rest immediately after a chase? What processes occur during the recovery period?

SOCIAL SCIENCE

1. How do the people of Ladakh adapt to the harsh cold desert environment? What are their main occupations?
2. What are some examples of animals that live in deserts, and how do they adapt to the harsh conditions of both hot and cold deserts?
3. Choose a traditional art form (e.g., Madhubani painting, Warli art, Pahari paintings, Tanjore paintings) and make a project describing its origin, unique features, and current status.
4. Create a timeline showing the development of the regional language and important literary works or contributions over time.
5. How did regional kingdoms contribute to the development of distinct regional cultures in India during medieval times?

INFORMATION AND COMMUNICATIONS TECHNOLOGY

1. Choose the correct output of the Python Command 23/4:
- (a) 5
 - (b) 5.00

- (c) 5.000 (d) 5.75
2. Which operator is used to calculate the remainder of a division?
(a) % (b) //
(c) / (d) **
3. What will be the output of the following statement:
print(5**5)
(a) 9 (b) 27
(c) 3125 (d) 6
4. Explain Assignment Operators of Python.
5. What are Conditional statements of Python?
6. Explain if...elif...else statement in Python with proper examples.
7. Write a Python program to display the name of the days of the week according to the number given by the user.

GERMAN

Task 1: Create a short comic strip where characters speak in simple German.

Task 2: Interview Your Classmate in German. Ask each other simple questions learned in the textbook about their hobbies, favorite subjects, family, etc.

