

— Hello —
SUMMER

DSBIPS - Class 6



A Journey Through Sunshine and Bliss

Dear Students, holidays are finally here! Its time to relax, recharge, and rediscover the joy of learning beyond the classroom. We have planned some creative activities to help you enjoy your break. Play a lot, read your favorite books, help your parents, and return with amazing stories to share! Happy Holidays!!



English Assignment

Book Reading Journal Activity

Read any English storybook or novel of your choice and prepare a creative Book Journal in your scrapbook. Your journal should include the following details:

- Book Title
- Author's Name
- Main Characters
- About the Story / Theme
- Favourite Character and why you liked him/her
- Favourite Scene or Incident
- New Words Learned with meanings
- Moral / Message of the Story
- Your Review of the Book
- Draw pictures or paste related images to make your scrapbook attractive and colourful.

Note: Use neat handwriting. Make it creative and informative.

Students may decorate each page with borders, sketches, quotes, or stickers related to the story.



Hindi Assignment

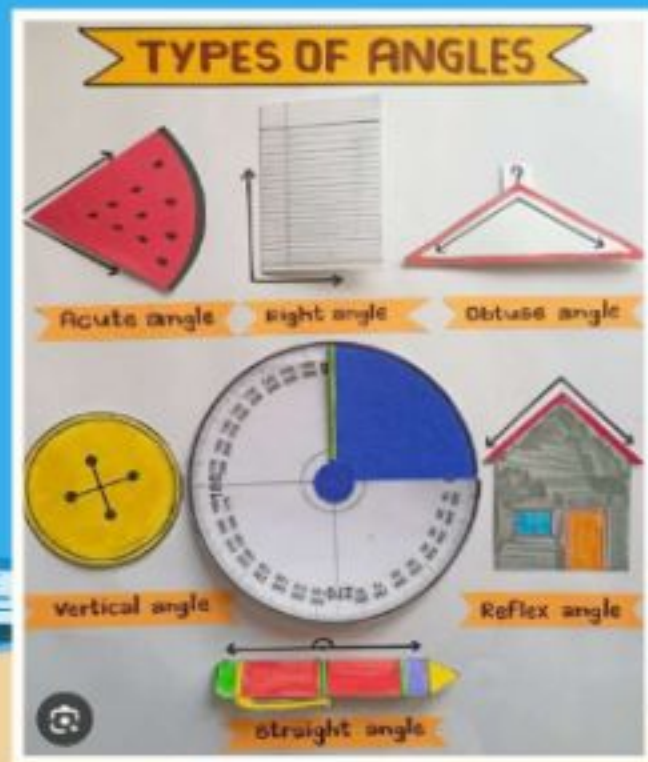
प्रिय विद्यार्थियों, हिंदी की पुस्तक (कहानी या उपन्यास) का
रुचिपूर्वक अध्ययन कर A-4 शीट पर उसकी समीक्षा
प्रस्तुत कीजिए।



MATHS

Holiday Homework

Dear students, This is the activity of Ch-2 Lines And Angles. Do it in A-4 sheet neatly and beautifully.



1.6 Relation to Number Sequences

Often, shape sequences are related to number sequences in surprising ways. Such relationships can be helpful in studying and understanding both the shape sequence and the related number sequence.

Example: The number of sides in the shape sequence of Regular Polygons is given by the counting numbers starting at 3, i.e., 3, 4, 5, 6, 7, 8, 9, 10, ... That is why these shapes are called, respectively: **regular triangle, quadrilateral** (i.e., square), **pentagon, hexagon, heptagon, octagon, nonagon, decagon, etc.**, respectively.

The word 'regular' refers to the fact that these shapes have equal-length sides and also equal 'angles' (i.e., the sides look the same and the corners also look the same). We will discuss angles in more depth in the next chapter.

The other shape sequences in Table 3 also have beautiful relationships with number sequences.

● Figure It Out


1. Count the number of sides in each shape in the sequence of Regular Polygons. Which number sequence do you get? What about the number of corners in each shape in the sequence of Regular Polygons? Do you get the same number sequence? Can you explain why this happens?
2. Count the number of lines in each shape in the sequence of Complete Graphs. Which number sequence do you get? Can you explain why?

Try This

Number 200-20

11

Maths Workbook | Grade 6

3. How many little squares are there in each shape of the sequence of Stacked Squares? Which number sequence does this give? Can you explain why?
4. How many little triangles are there in each shape of the sequence of Stacked Triangles? Which number sequence does this give? Can you explain why? (Hint: In each shape in the sequence, how many triangles are there in each row?)
5. To get from one shape to the next shape in the Koch Snowflake sequence, one replaces each line segment by a 'speed bump' . As one does this more and more times, the changes become tinier and tinier with very very small line segments. How many total line segments are there in each shape of the Koch Snowflake? What is the corresponding number sequence? (The answer is 3, 12, 48, ... i.e., 3 times Powers of 4; this sequence is not shown in Table 1.)

Try This

MATHS

Holiday Homework

Do all these questions in a separate thin notebook.



MATHS

Holiday Homework

Do all these questions in a separate thin notebook.

NOTE: PDF OF COMPUTATIONAL SKILLS IS SENT TO YOU ALONG WITH THIS ASSIGNMENT. KINDLY GET IT PHOTOCOPIED AND SPIRAL POSITIVELY.

Figure It Out

1. Draw angles with the following degree measures:
a. 140° b. 82° c. 195° d. 70° e. 35°
2. Estimate the size of each angle and then measure it with a protractor:



Classify these angles as acute, right, obtuse or reflex angles.

3. Make any figure with three acute angles, one right angle and two obtuse angles.
4. Draw the letter 'M' such that the angles on the sides are 40° each and the angle in the middle is 60° .
5. Draw the letter 'Y' such that the three angles formed are 150° , 60° and 100° .

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Garita Prakash | Grade 6

6. The Ashoka Chakra has 24 spokes. What is the degree measure of the angle between two spokes next to each other? What is the largest acute angle formed between two spokes?
7. **Puzzle:** I am an acute angle. If you double my measure, you get an acute angle. If you triple my measure, you will get an acute angle again. If you quadruple (four times) my measure, you will get an acute angle yet again! But if you multiply my measure by 5, you will get an obtuse angle measure. What are the possibilities for my measure?





Collection of Leaves

Paste dried leaves of the following types of plants in your scrapbook:

- Herb
- Tree
- Climber
- Creeper

Write the name of each plant below the leaf.



Habitats Activity

Draw pictures of any five habitats. For each habitat, draw:

- » One animal found there
- » One plant found there

Label all drawings neatly.



Habitats Activity

Example Habitats:




- » Desert
- » Forest
- » Grassland
- » Mountain
- » Aquatic Habitat



Balanced Diet Plan



Prepare a weekly balanced diet chart for yourself.

-  Include all nutrients in the right amount
-  Include healthy food items
-  Avoid junk food

Nutrients to include:

- | | |
|---|--|
|  Carbohydrates |  Minerals |
|  Proteins |  Roughage |
|  Fats |  Water |
|  Vitamins | |

Make the chart neatly in tabular form.



Science Submission

Submit your scrapbook after the summer
vacation.



Social Science Assignment

Activity 1



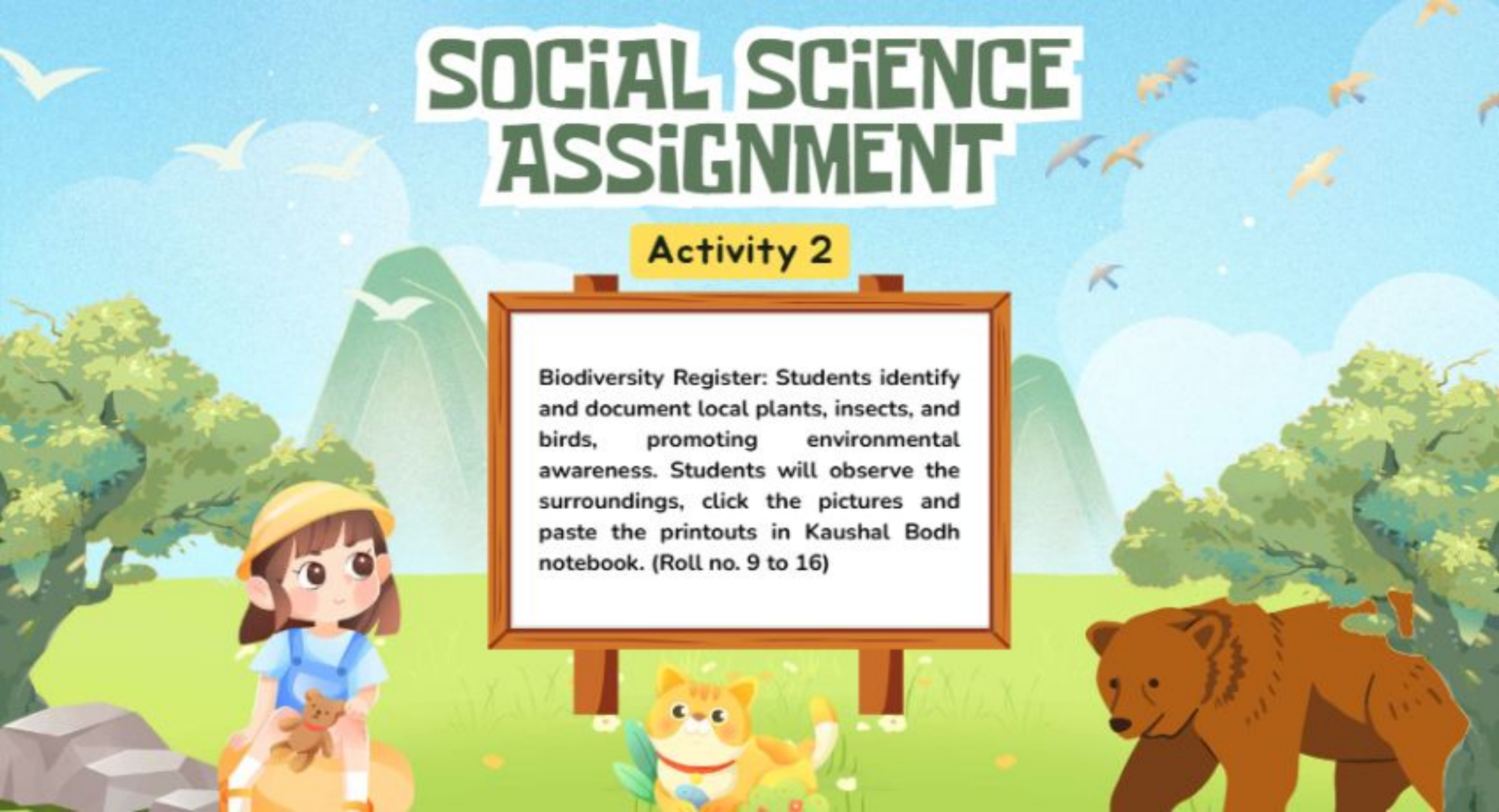
Prepare a Kitchen Garden: Students will plant, nurture, and harvest organic vegetables (e.g., methi, coriander) in pots. Students will also prepare the list of tools and materials used for cultivating plants in a kitchen garden. Students will click the pictures and paste the printouts in Kaushal Bodh Notebook.(Roll no. 1 to 8)



SOCIAL SCIENCE ASSIGNMENT

Activity 2

Biodiversity Register: Students identify and document local plants, insects, and birds, promoting environmental awareness. Students will observe the surroundings, click the pictures and paste the printouts in Kaushal Bodh notebook. (Roll no. 9 to 16)





Social Science Assignment



Activity 3

Cooking without fire- Teaching food preparation, hygiene, and nutrition (e.g., salads, sprouts). Students will cook any dish without using fire and make a video, send it to your respective subject teacher. Click pictures while cooking and paste the printouts in your Kaushal Bodh notebook. (Roll no 17 to 24)

Social Science Assignment

Activity 4

Make something good from the waste material. Click the photo and paste the printouts in Kaushal Bodh Notebook (Roll no 25 to above)





Computer Assignment



1. Explore the AI application Quick-Draw!
2. Create your school timetable using MS Excel and apply the required formatting.
3. Use GIMP to draw a picture and save it in JPG format.



ART & CRAFT ASSIGNMENT

Class 6th



Section A & B

Make a beautiful craft by using button pasting work on mat. As shown given picture.



Section C & D

Make a beautiful butterfly by using any waste material. size 2 feet. As Shown given picture.



Section E & F

Make a beautiful teddy bear cut-out by using corrugated sheet and any waste material .size 2 feet. As Shown given picture.



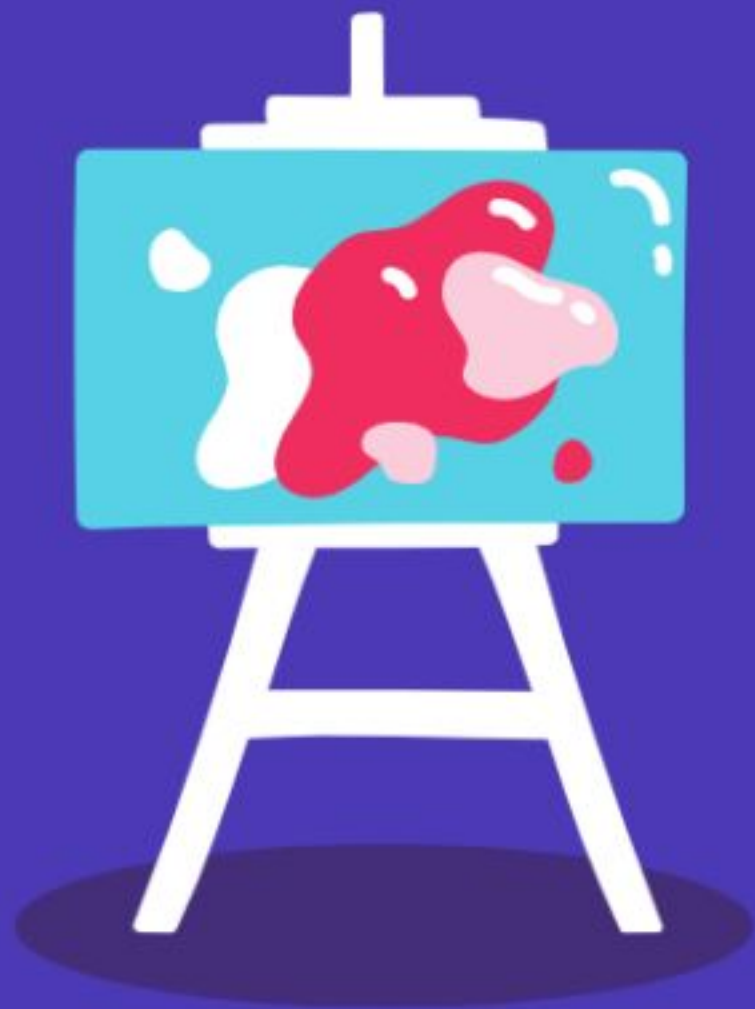
Section G & H

Make 3D house by using corrugated sheet and any other decorative material. As shown given picture.



Section I

Make a big wall hanging craft by using any waste material.



Happy Summer Holidays

