

New Era Public School, Dwarka

Holiday homework

Class VI

**DEAR PARENTS AND STUDENTS, WARM GREETINGS!
AS WE WELCOME THE SUMMER HOLIDAYS, IT IS TIME TO RELAX,
REFRESH, AND ENGAGE IN MEANINGFUL LEARNING EXPERIENCES. WE
HAVE PREPARED A SET OF INTERESTING AND THOUGHTFULLY
DESIGNED HOLIDAY HOMEWORK ACTIVITIES FOR CLASS VI THAT
ENCOURAGE CREATIVITY, CURIOSITY, AND INDEPENDENT LEARNING.**

**TO OUR DEAR STUDENTS: MAKE THE MOST OF YOUR VACATION BY
SPENDING QUALITY TIME WITH YOUR FAMILY, READING GOOD
BOOKS, EXPLORING NEW HOBBIES, AND LEARNING NEW SKILLS.
COMPLETE YOUR HOLIDAY HOMEWORK WITH SINCERITY,
CREATIVITY, AND NEATNESS. REMEMBER TO STAY ACTIVE, PLAY
OUTDOORS IN THE EVENING, AND MAINTAIN A HEALTHY ROUTINE.**

**TO OUR RESPECTED PARENTS: WE REQUEST YOUR KIND SUPPORT AND
COOPERATION IN GUIDING AND MOTIVATING THE CHILDREN TO
COMPLETE THEIR HOLIDAY HOMEWORK REGULARLY AND
RESPONSIBLY. YOUR ENCOURAGEMENT WILL HELP MAKE THIS
HOLIDAY BREAK A JOYFUL AND ENRICHING LEARNING EXPERIENCE.**

**LET US MAKE THIS SUMMER BREAK A WONDERFUL JOURNEY OF
LEARNING, DISCOVERY, AND HAPPINESS!**

WISHING YOU ALL A SAFE, HEALTHY, AND HAPPY VACATION!

HOLIDAY HOMEWORK

ENGLISH

TASK-1 DISCOVERING SIKKIM

Design an attractive and informative brochure on the topic “Sikkim – The Land of Natural Beauty and Culture.”

Your brochure should include:

Location and map of Sikkim

Famous tourist attractions

Culture, festivals, food, and traditional dress

Interesting facts about Sikkim

Attractive pictures and slogans related to environment

Instructions:

Make it colourful, neat, and creative.

Use headings, subheadings, and short informative points.

The brochure should be handmade.

हिन्दी

जैव विविधता शब्द का अर्थ ही 'जीवन की विविधता' है। सिक्किम को जैव विविधता के एक प्रसिद्ध केंद्र के रूप में विश्व भर में ख्याति प्राप्त है और अपने छोटे आकार के बावजूद, शायद विभिन्न प्रकार के जीवन रूपों के मामले में दुनिया का सबसे समृद्ध स्थान है। अतः सिक्किम के विभिन्न वन्यजीव अभयारण्यों (जैसे-पंगोलख वन्यजीव अभयारण्य, फम्बोंग लहो वन्यजीव अभयारण्य, वरसे रोडोडेंड्रोन अभयारण्य आदि) के बारे में जानकारी प्राप्त कर उनके चित्र हिंदी के भाषा की कार्यपुस्तिका में चिपकाएँ और उनके बारे में चार से पाँच पंक्तियाँ लिखें।

MATHEMATICS

A. Learn the tables from 1 to 20 and make a beautiful table booklet (Tables 1-20)

B. CHAPTER-1 Pattern in numbers

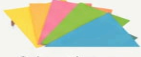
Roll no. 1 -13


Stacked triangle pyramid model


STACKED TRIANGLE PYRAMID


Create a 3D stacked triangle pyramid model

MATERIALS YOU CAN USE


Coloured paper triangles


Cardboard triangles


Chart paper triangles


Glue (Fevicol)

HOW TO MAKE (USING COLOURED PAPER TRIANGLES)

1






2

3

4

5

6


ALTERNATIVE – USING CARD / CHART PAPER

1







2

3

4

5


6










TIPS FOR STRONG STRUCTURE

- Use equal sized triangles for all layers.
- Apply glue properly and hold for a few seconds.
- Let each layer dry before placing the next layer.
- Use thick paper or cardboard for better strength.

EXAMPLES OF TRIANGULAR SHAPES IN REAL LIFE



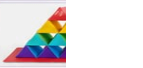

Roof of a house


Traffic sign


Mountain peak

MORE IDEAS

You can use different colours for each layer to make your pyramid look bright and attractive.

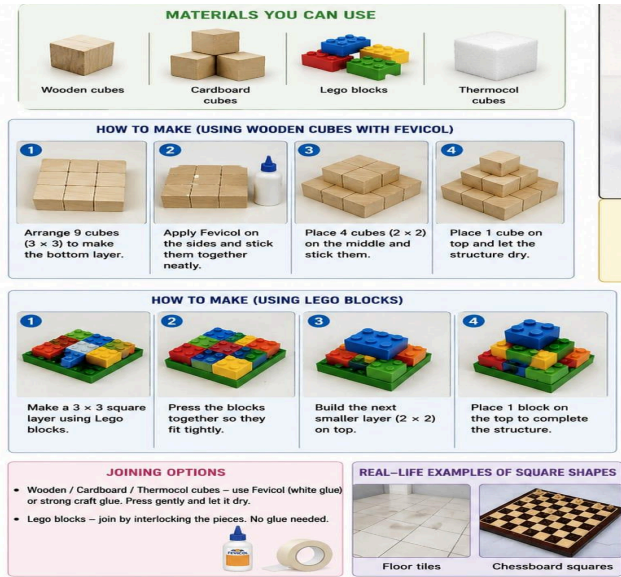
Create a stacked triangle pyramid like the one shown in the picture using coloured paper, cardboard or chart paper triangles.

- Which 2D/3D shape is used to make this model?
- Find the total number of triangular units used in the complete structure.
- Observe the pattern formed while stacking the triangles. What do you notice?
- Is the structure symmetrical? Explain.
- Arrange the number of triangles in each layer as a number pattern. What pattern do you observe?
- Which type of triangle have you used — equilateral, isosceles, or scalene?
- How many triangles are visible from the front side of the model?

Roll no. 14 -27

Stacked square structure

Create a Stacked Square Structure like the one shown in the picture using paper cubes, thermocol cubes, lego blocks, wooden blocks etc, Arrange them layer by layer to form a pattern.

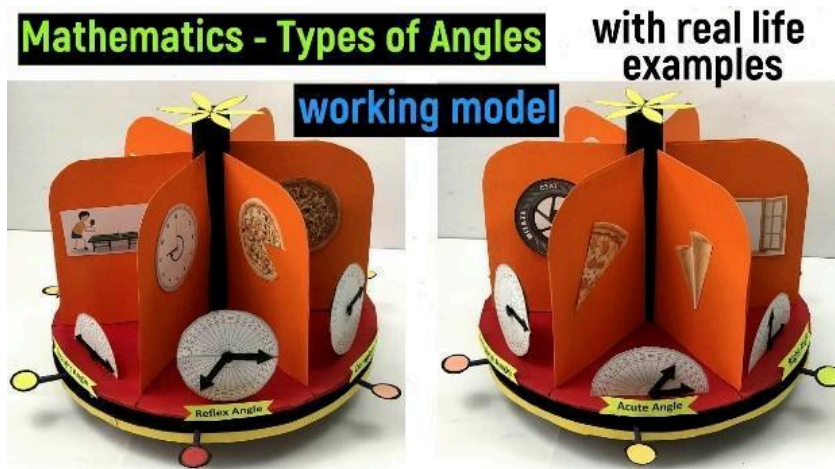


- Which 2D/3D shape is used in this project?
- Count the number of squares / cubes in each layer.
- Find the total number of squares/cubes used.
- Observe the number pattern formed.
- Does the pattern relate to square numbers? Explain.
- Mention two real-life examples where square shapes are commonly seen.

Chapter 2 Lines and Angles

Roll no. 1 - 13

Angles working model.

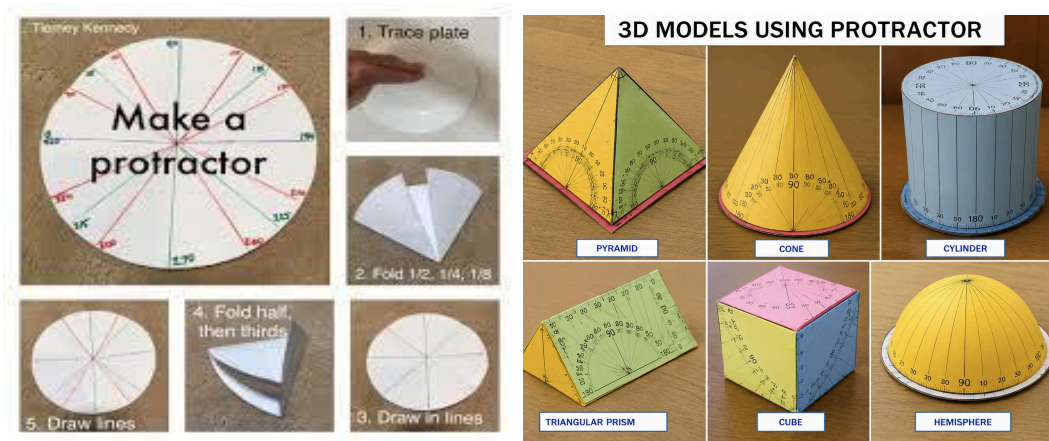


Create a working model on “Types of Angles” using cardboard, coloured paper, or any waste material.

Your model should show different types of angles with suitable real-life examples.

Roll no. 14 – 27

Simple protractor



Make a simple working protractor and understand how angles are measured. Using your self-made protractor, create a 2D/3D model (Robot or any creative design) using different types of angles, geometrical shapes and symmetry.

Dear children, prepare any one project from chapter 1 or 2 as allotted according to your roll number and submit it along with the Table Booklet and Maths worksheet in one folder, when the school reopens.



Science -Sikkim: Eco Detective Challenge

Imagine you are a young environmental scientist visiting the beautiful Himalayan state of Sikkim — the first fully organic state of India. Your mission is to explore how Sikkim protects its forests, wildlife, and environment through sustainable and eco-friendly practices.



Prepare a colorful Journal/ Scrapbook titled:

“Eco Detective Report: “Exploring the forests and wildlife of Sikkim”

Your Eco Detective Tasks

Forests & Wildlife Explorer

a) Differentiate between Forest, Wildlife Sanctuary and National Park.(include pictures)

b) Research the flora and fauna of Sikkim and prepare a colourful table including:

Common Name	Type (Flora /fauna)	Scientific name
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c) Find out about: • 1 endangered plant species of Sikkim • 1 endangered animal species of Sikkim

For each, mention:

Name

Habitat

Why is it endangered?

Paste or draw colourful pictures related to the forests, flora,fauna, and endangered species of Sikkim to make your journal attractive and creative.

d) Write any 5 eco-friendly habits that we should follow in our daily life to protect nature and wildlife.

Submission Guidelines:

Use an A4 Scrapbook or prepare a colorful Journal

Include colourful headings, drawings, and creative decorations.

Minimum 5–6 pages

Dear children, Prepare a colorful and creative journal/Scrapbook. Submit it along with your science worksheets in one folder, when the school reopens.

SST- Conservation of Forests and Wildlife in Sikkim

“Sikkim – Where Nature Smiles!”



Imagine you are a **Nature Explorer** visiting the beautiful state of Sikkim. Your mission is to discover how forests and wildlife are protected there and spread awareness about saving nature.

Part 1- Make a **“Forest Identity Card”** for any 3 forests or National Parks of Sikkim in a **scrapbook**. In each card, write:

- Name and location of the forest/National Park.
- Names of 5 famous animals and plants found there.
- One interesting fact about those animals and plants.
- Paste related pictures.

Part 2- Choose one animal of Sikkim such as:

- Red Panda
- Snow Leopard
- Himalayan Black Bear
- Yak

Prepare its **“Adoption File”** and include these details:

1. Habitat

Describe:

- Where the animal is found in Sikkim, Type of forests or climate it prefers, Mountains, national parks, or sanctuaries where it lives.

2. Food Habits

Write about:

- What the animal eats, Whether it is a herbivore, carnivore, or omnivore, How it finds food in the wild

3. Threats Faced

Explain the dangers faced by the animal such as:

- Deforestation, Climate change, Hunting or poaching, Loss of habitat, Pollution or human activities.

4. Conservation Efforts

Research and write:

- Steps taken by the government and local people to protect the animal
- National parks or wildlife sanctuaries.
- Awareness campaigns and eco-tourism efforts

Instructions-

1. Complete the Holiday Homework in an **A4 scrapbook or file**.
2. Use headings, borders, drawings and pictures to make it attractive and creative.

Dear children kindly click on the link below to do the worksheets of each subject as per the instructions given by the subject teacher.

https://docs.google.com/document/d/1m-j8DgCX_axU3dROa1Go1yJ9_N1F6rSL1Uvi7r_QGhcs/edit?usp=sharing