

KALKA PUBLIC SCHOOL, ALAKNANDA

CLASS VII

HOLIDAY HOMEWORK

TOPIC: FLORA AND FAUNA

"Each species is a masterpiece, a creation assembled with extreme care and genius."

ENGLISH

1. READING AND WRITING

Reading makes a good habit and it is already a part of the modern life. This habit will widen your outlook and will enrich your knowledge.

In order to inculcate the habit in you, make an INFORMATION BOOKLET using A4 sheets.

NOTE:

- Read any magazine/article/ English newspaper or any other source.
- Select and collect important and interesting facts and paragraphs on Plant and Animal World.
- Write the collected information on ruled sheet in a neat, beautiful and legible handwriting using a pen. (ONE PAGE DAILY).
- Date should be mentioned on each page. The booklet should have a minimum of 30 pages.
- Mention your name, class, section and roll no. on the cover page.

2. MULTIDISCIPLINARY PROJECT

Compose 2 POEMS and 1 STORY using the different elements of FLORA AND FAUNA as characters.

- ➔ Make an index page.
- ➔ Use coloured sheets and different illustrations/drawings/colourful cutouts to enhance the visual appeal of the project.
- ➔ Design a COVER PAGE for your multidisciplinary project.

SCIENCE

Research based project

According to World Wildlife Fund - "...scientists have a better understanding of how many stars there are in the galaxy than how many species there are on Earth."

This summer, your project is to get to know the following species:

Indian one horned Rhinoceros (Roll no 1-12)

Siberian Crane (Roll no 13-24)

Asiatic Lion (Roll no 25-36)

Indian Elephant (Roll no 37-45)

Research on one of these species and find out more about them, including but not limited to:

Food

Habitat

Threats to survival

Interesting information



Images

Follow these guidelines as you document your research:

All project work must be on A4 size sheets and filed in a neat manner.

A picture speaks more than a thousand words. Make your project come alive with pictures and diagrams.

MATHS

DESCRIPTION:

_ *Fraction bird*_ by using concept of fractions.

Materials required:

1 A3 white sheet, 4-5 colourful origami sheets (to make cut-outs of different shapes), pencil, black marker, bangles, a bottle cap, crayons, glue, pair of scissors.

Aim:

 To make fraction bird by using concept of fractions i.e. parts of a whole.

Procedure:

Use 2 origami sheets of different colour to draw circles using a bottle cap .

Circles to be drawn on origami sheets. Carefully cut the circles with the help of scissors.

Take a different coloured origami sheet to make a bigger circle. (You may use a bigger size bangle to draw a big circle)

Cut this circle using scissors.

Now, take a different coloured origami sheet and fold it into a rectangle shape.

Again make a fold in the same origami sheet so that you get 4 different rectangles in the same origami sheet.

Cut these 4 rectangles using scissors.

Take 2 new origami sheets of different colours and draw few triangles and squares and cut it.

After drawing all these shapes, you will get 2 small circles, one big circle, cut outs of triangles, square and rectangle.

Fold these shapes & cut the shapes into different fractions i.e. half, one fourth, one eighth etc.

Fold and cut one small circle to get the fraction $\frac{1}{2}$.

Now, fold one of the half circle to get the fraction $\frac{1}{4}$.

Similarly, fold and cut one fourth circle to get the fraction $\frac{1}{8}$.

U will left out with cut-outs of fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$.

Take a cut out of a triangle, fold and cut it to get the fraction $\frac{1}{2}$.

Now, fold and cut each triangle to get the fraction $\frac{1}{4}$.

Next, fold and cut one fourth triangles to get the fraction $\frac{1}{8}$.

U will left out with cut-outs of fractions $\frac{1}{4}$ & $\frac{1}{8}$.

Now, cut the square shape so that you get fractions of $\frac{1}{4}$.

Similarly, fold and cut the rectangles to get the fraction $\frac{1}{2}$.

Fold and cut the half rectangle to get the fraction $\frac{1}{4}$.

Now, fold the one fourth rectangle to get the fraction $\frac{1}{8}$.

Cut the big circle to get the fraction $\frac{1}{2}$.

Fold and cut the half circle to get the fraction $\frac{1}{8}$.

Now, make use of these cut-outs to make a colourful fraction bird.

You can also make a tree, mountain, sun, etc using these cut-outs.

Outline the picture of bird, mountain, sun and tree with the help of a black marker.

Your fraction bird is ready!

(You can refer to the given YouTube video link for your better understanding.)

HINDI

1. पर्यायवाची शब्दों के सचित्र फ्लैश कार्ड तैयार करें ।

निर्देश:-

फ्लैश कार्ड किसी भी आकृति के हो सकते हैं जैसे:- फूल की पंखुड़ियाँ, सूरज, वॉल हेंगिंग आदि

2. हँसों और हँसाओ ,लोटपोट करती हुए एक सचित्र पत्रिका तैयार करें

*जिसमें दो शिक्षाप्रद कहानी

*10 चुटकुले

*दो सचित्र कविता

*दो विज्ञापन (पेड़ –पौधों की सुरक्षा और जानवरों की सुरक्षा)

3. बढ़ती गर्मी के कारण पक्षियों की प्यास बुझाने के लिए एकजलपात्र तैयार करें।

निर्देश:-

*ए-3 साइज़ शीट पर (जलपात्र के साथ अपनी फोटो या पानी पीते हुए पक्षी) फोटो चिपकाकर पक्षियों से संबंधित एक सुंदर कविता लिखें।



S.SCIENCE

General Instructions:

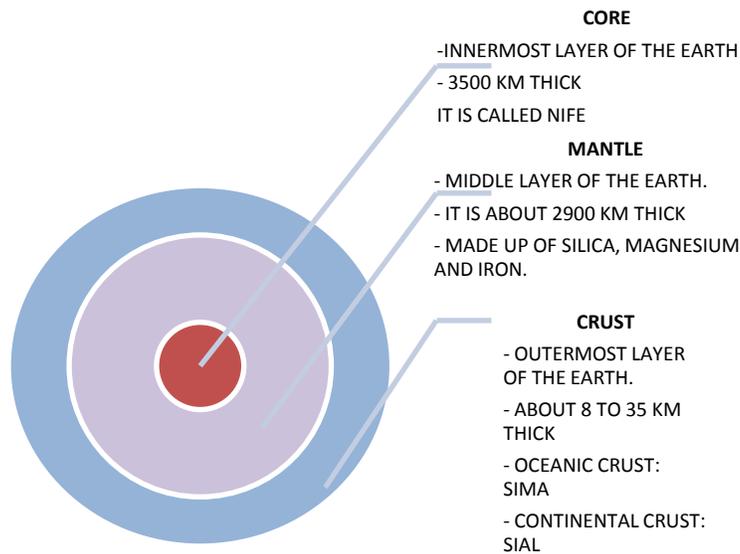
- 1. The Homework has 3 sections (i) Assignment (ii) Activity Based- Map Work (iii) Project based**
- 2. Assignment has to be done in the notebook.**
- 3. Map Work to be pasted in the notebook.**
- 4. Project based activity is to be done on A4 size sheet using colourful pictures.**

Assignment

- i) Read Chapter-2(History) – THE REGIONAL KINGDOMS thoroughly and write the answers in your notebook.
 - a) Explain Prashasti.
 - b) Discuss the origin of Rajputs.

c) Why did the Indian rulers fight over Kanauj?

ii) Chapter- 2 (Geography)- Draw the diagram in your notebook.



iii) Read Chapter- 1 (Social and Political life) thoroughly and write the answers in your notebook

a) What do you mean by indirect democracy?

b) What is a Republic?

c) What does the legislature do?

d) Enlist the name of any four democratic countries of the world

2. Activity

Map work

On the map of India, mark the following and paste it in your notebook.

(a) Label the Areas of Evergreen Forest

(b) Label the Wild Life Sanctuaries : Sariska and Mudumalai

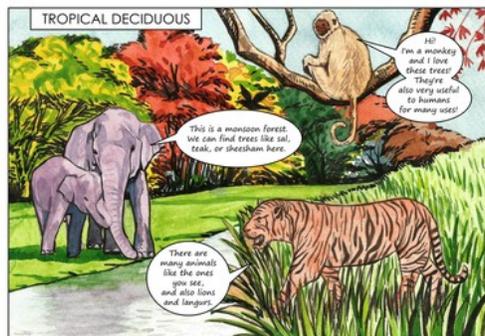
(c) Radisonmappractice (Geography & History)

Geography (pg no 4 and 5) History (pg no 54 and 55)

3. Project based

When we talk about the beauty of our country it includes a wide variety of vegetation and wildlife.

Let's learn more about different vegetation and wildlife by making comic pages.



Design a comic page on different Natural vegetaions.

Roll no – 01 to 08 (Tropical Evergreen Forest)

Roll no- 09 to 17 (Tropical Deciduous forest)

Roll no- 18 to 26 (Temperate Evergreen Forest)

Roll no- 27 to 35 (Temperate Deciduous)

Roll no- 36 to 46 (Coniferous Forest)

SANSKRIT

1. पशु ,पक्षी एवं पौधे हमारे जीवन में कितने उपयोगी हैं ? दर्शाते हुए पांच पक्षी एवं पांच पशुओं के नाम संस्कृत में लिखकर उन शब्दों का सचित्र वर्णविच्छेद कीजिए।

2. विद्या प्राप्ति से होने वाले लाभों का वर्णन करते हुए "विद्या की महिमा " से संबंधित पांच श्लोकों को साफ एवं सुंदर अक्षरों में लिखिए।

(आवश्यकनिर्देश) -

*यह सभी कार्य संस्कृत उत्तर पुस्तिका में कीजिए।

* विद्या से संबंधित श्लोकों के लिए अपनी संस्कृत पाठ्य पुस्तक की सहायता ले सकते हैं।

CODING

Artificial intelligence, specifically machine learning and computer vision, environmental DNA (eDNA) and genomics, and networked sensors are named the top three emerging conservation technologies in A Global Community-DEVELOP A PROJECT USING multimedia PPT from the above topics.