

**DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87**

**SUMMER BREAK HOLIDAYS' HOMEWORK – CLASS VI**

**THEME – FLORA & FAUNA**



India is a land of varied flora, fauna and biodiversity. India is one of the twelve mega-diverse nations of the World. Two of India's great mountain ranges, the Eastern Himalayas and the Western Ghats have been designated among the world's eighteen 'hotspots' of biodiversity. But in the last few decades we have seen a steady increase in the extinction rate of flora, fauna etc. all over world including India and so now, conservation of biological diversity is of paramount importance to the survival of man.

Conservation of biological diversity leads to conservation of essential ecological diversity to preserve the continuity of food chains. It provides a vast knowledge of potential use to the scientific community. A reservoir of wild animals and plants is preserved, thus enabling them to be introduced, if need be, in the surrounding areas. Biological diversity provides immediate benefits to the society such as recreation and tourism. Biodiversity conservation serves as an insurance policy for the future.

**ENGLISH**

- A. Search the internet to find different kinds of FLORA & FAUNA. Select any 10 animals/ birds and 10 plants/trees. Paste the picture of each one of these selected items on separate sheets in a scrap book. Also prepare a short write up about each of them describing their physical features, food habits, natural habitat etc.

Also write an adjective for each of them. E.g. snail – 'slow and timid'. Now using a tabular form, write a synonym and an antonym of that adjective.

- B. You are Paras/ Pooja, Secretary of Environment Club of your school. Your school is going to organize a Slogan Writing Competition on the topic 'Save Flora and Fauna: Save life, Save Earth'. Write a **Notice** in not more than 50 words to be put up on the school notice board giving all the necessary details.
- C. Prepare a small **Skit** in dialogue form on the given topic:  
'Diverse Flora and Fauna—Pride of my nation'  
The skit must be well written, original and innovative. Students must use their creativity and imagination. (Word limit- 500 words)
- D. Create a beautiful **Picture Story** using the hints given below. Also write a catchy title and a motivating message.

**Hints**

A young boy----finds a puppy----lonely and hurt -----bring home-----take to vet/hospital-----proper care -----sows seeds ---- water daily---- time passes-----boy grew young man---- puppy grew----- huge dog-----plant grew-----tall tree-----man climb tree -----saw three suspicious persons-----alert police----- in night thieves enter-----dog bark -----all wake up-----thieves caught.

## SOCIAL SCIENCE

- What percentage of Land under forest is needed to maintain ecological balance?
- Find out how much of land is under forest cover in India?
- Which state of India has maximum and minimum area under forest cover? Make it on the political map of India.
- Write on the following topics:
  - i. Define flora and fauna
  - ii. Importance of flora and fauna
  - iii. Measures the government is taking to preserve our flora and fauna. (NDMC plans for a tree-ambulance to care for city's green cover)
  - iv. The role of community in conserving flora and fauna.
- On 4 political maps of India, locate wildlife sanctuaries and national parks in East, West, North & South India.

Note- Collect pictures, clippings and information related to conservation of flora and fauna. Use A-4 sheets of pink colour for the same.

## SCIENCE

- Make power-point presentation (of 15 slides) using the following guidelines-
  - i) Introduction
  - ii) Importance of bio-diversity
  - iii) Endangered species (2 plants + 2 animals)
  - iv) Endemic species (2 plants + 2 animals)
  - v) Extinct species (2 plants + 2 animals)
  - vi) Steps that we can take to conserve biodiversity.

Criterion for allocation of marks-  
Presentation- 2 marks  
Information collected-6 marks  
Relevance/ Resources- 2marks
- Plant a sapling in a small pot, paint it with bright colours and write the plant's name on a cardboard placard. Add your surname to it. e.g. if your name is Rahul Kapoor and it is a Rose plant, name it 'Rose Kapoor'. Stick this name card in the pot with the help of a stick. Water it every day. Bring it to school after the vacation.

## MATHEMATICS

Prepare a project file on the following :

1. Collect information about tiger reserves in India i.e. State, Name of the tiger reserve and area occupied in sq. km.
2. Tiger population state-wise in the years – 2006, 2010, 2014
3. Compare the tiger population in 2010 and 2014 with the help of a double bar graph. Use 2 different colours.
4. Find the percentage growth/decline of tiger population in the top 5 states i.e. Karnataka , Uttarakhand, Madhya Pradesh , Maharashtra , Tamil Nadu.
5. Why should the tigers be saved? Give top 5 reasons.

**Note : Add interesting pictures in the project file.**

## HINDI

- 10 सुलेख लिखिए।
- संगठन का महत्व – विषय पर अनुच्छेद लिखिए।
- अपने विद्यालय के पुस्तकालय की विशेषताएँ बताते हुए अपने बड़े मित्र को पत्र लिखिए।
- सबसे बड़ा उत्सव : वन महोत्सव – परियोजना (स्लोगन, कविता और वन महोत्सव की उपयोगिता)

## SANSKRIT

- वन्यप्राणिनाम् नामानि (चित्रसहितम् 10 नामानि)
- जलचराणाम् नामानि (चित्रसहितम् 10 नामानि)