



**JKG INTERNATIONAL SCHOOL**  
**AN ISO 9001:2015 CERTIFIED**  
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### Art Integrated Project

#### Class – VII A

### Topic – Flora and Fauna (Our Ecosystem)



The ecosystem is a complex, interconnected network comprising of biotic and abiotic elements. Biotic elements include all living organisms such as plants, animals and microorganisms. Abiotic components, on the other hand, include non-living entities that are vital for the survival of life and these include soil, water, climate, etc. Among all biotic

elements, Flora and Fauna are the most fascinating ones. In a nutshell, the term flora relates to all plant life and the term fauna represents all animal life.

#### **WHY IMPORTANT ?**

##### **Maintains Ecological Balance**

Flora and fauna are very important for human existence. The flora liberates oxygen that is consumed by the fauna for respiratory activities. Fauna, in turn, liberates carbon dioxide consumed by the flora for photosynthesis.

Flora and fauna hugely benefit mankind through its medicinal and food offerings. Animals maintain the equilibrium by preying on different plants and animals to balance their population on earth.

##### **Aesthetic Value.**

The flora and fauna spread across the earth contribute to the aesthetic value of the earth. People visit several biosphere reserves, national parks and zoos, forests, botanical gardens, etc to enjoy the beauty of landmarks. This explains the significance of flora and fauna in our day to day lives.

##### **Expansion of Local Economies**

Flora and Fauna contribute to the local economies through tourism. The flora and fauna of Amazon forests attract tourists and scientists which contributes to about 50 million dollars to the Brazilian economy.

**Our mission is to conserve threatened species and ecosystems worldwide.**

#### **Aims of the project**

- Understand the significance of flora and fauna.
- Know about endangered species of flora and fauna.
- Realize the importance of flora and fauna in our lives.
- Investigate about the factors, which resulted in the extinction of the fauna flora.
- Study Interdependence between flora and fauna.
- List measures which can be taken to conserve flora and fauna which are on the verge of extinction.
- To ascertain migratory routes of fauna.

**Places for Study-** INDIA (Uttar Pradesh, Meghalaya, Arunachal Pradesh)

AFGANISTAN, BANGLADESH and ZAMBIA

**Subjects involved -** English, Hindi, Maths, Science, S. Science, Sanskrit/French and Creative Art

## **ACTIVITIES**

### **PONDER! PERCEIVE! UNDERTAKE!**

#### **1. Project file**

“Study nature, love nature, stays close to nature. It will never fail you” Based on this quote prepare a creative and colorful **MINI MAGAZINE/ALBUM/CALENDAR** from the countries mentioned above whom have contributed tremendously toward “Global conservation of flora and fauna”.

You may include following points:-

- Describing nature, how to protect flora and fauna. To make it attractive and beautiful .paste relevant pictures or illustration on A3 size sheet.
- List the prominent flora and fauna of countries of study provided to you.
- Collect information on wildlife sanctuary found in the given countries and states. Paste relative pictures.
- Compare the number of wild life sanctuaries and national parks in above countries by making bar graph
- Write a report on endangered Flora and Fauna in given countries and states.
- How are flora and fauna economically important for the given areas?
- Make a table to compare the type of forests found in given countries and states and total forest area.
- जाम्बिया, बांग्लादेश, अफ़ग़ानिस्तान और उत्तर प्रदेश अरुणाचल एवं मेघालय में से। विलुप्त हो रही किसी वन्य प्रजाति के कारण एवं सरकार द्वारा किए जा रहे प्रयासों पर सचित्र चनात्मक लेख लिखेंगे।
- Write a diary entry for a day on your contribution to society to save flora and fauna.
- Write a quiz on Flora and Fauna (In French) & convert in English too. ( write min 5 questions)

#### **2. Collage**

अरुणाचल प्रदेश, मेघालय और उत्तर प्रदेश में अधिकतर पाए जाने वाले पशुपक्षियों के नाम संस्कृत भाषा में लिखिए और चित्र बनाइए। अपना कार्य A-3 शीट पर पोस्टर अथवा कोलाज द्वारा दर्शन।

#### **3. WEB PAGE /PPT**

Use HTML and Create a web page on flora of AFGANISTHAN, BANGLADESH, INDIA (UP, Arunachal Pradesh and Meghalaya) and link it with another web page on fauna of AFGANISTHAN, BANGLADESH, INDIA(UP, Arunachal Pradesh and Meghalaya) (Write code on A4 size sheet).

**OR**

Make a PPT/ VIDEO on all the points mentioned above including Bio sketch of famous personalities from above countries one each (at least 20 slides).

Send your work on this email id:- [SARITAPANDIT@jkgisv.com](mailto:SARITAPANDIT@jkgisv.com)

**SOURCE OF STUDY-** Books, Internet, Newspapers, Magazine, etc.

**School reopens on 4<sup>th</sup> July 2022.**

**Revision of the task done till May 2022 as your Assessment I starts from July 2022.**

**Parameters-** Content-4, Organization- 4, Presentation-4, Accuracy-4, Selection of Art (4) = 20 Marks.

**We would like you to enjoy your holidays and return refreshed and rejuvenated to embark on this academic year.**