

PM SHRI KENDRIYA VIDYALAYA RAJOURI
MULTIDISCIPLINARY PROJECT (MDP)
CLASS -6 (2025-26)

 Multidisciplinary Project: **Diversity in Living Organisms**

 Theme: "One Earth, Many Lives: जीवों की विविधता"

 English:

Activity: Poem Writing: Compose a short poem on different animals or plants (e.g., "The Dancing Peacock", "Voices of the Forest").

Creative Task: Create a short story featuring animals from different habitats (jungle, desert, ocean, etc.).

 Hindi (हिंदी):

Activity: एक अनुच्छेद लिखिए – "प्रकृति में जैव विविधता का महत्व"

कविता लेखन: "पक्षियों का मेला" या "वन का जीवन" विषय पर चार पंक्तियों की कविता।

शब्दावली अभ्यास: पौधों और जानवरों के 10 नाम संस्कृत और हिंदी में (e.g., हाथी - गज, शेर - सिंह)।

 Mathematics:

Data Handling: Create a bar graph of:

Number of types of animals in different habitats (forest, water, air)

Shapes in Nature: Identify geometric shapes in leaves, shells, spider webs, etc.

Activity: Measure and compare leaf lengths of different plants found nearby.

 Science:

Classification Chart: Create a chart classifying living organisms into groups:

Plants (flowering, non-flowering), Animals (vertebrates, invertebrates)

Mini Research: Pick one unique animal/plant and present 5 interesting facts about it.

Hands-on: Make a herbarium (pressed plant collection) or draw labeled diagrams of different species.

 Art:

Poster Making: "Save Biodiversity" or "Animals of the World"

Creative Task: Make an animal mask or 3D model (e.g., butterfly using paper, fish with clay)

Drawing/Coloring: Draw scenes showing different ecosystems (jungle, underwater, desert).

 Sanskrit (संस्कृत):

श्लोक पाठ:

प्रकृति या जानवरों की स्तुति करने वाले श्लोकों को सीखें और लिखें (जैसे ऋग्वेद से)।

शब्दावली निर्माण:

संस्कृत में 10 जानवरों/पौधों के नाम लिखिए, उनके हिंदी अर्थ सहित।

उदाहरण:

वृक्ष (tree) — पेड़

पुष्पम् (flower) — फूल

सिंहः (lion) — शेर

मीनः (fish) — मछली

वाक्य निर्माण:

प्रकृति पर संस्कृत में 3-4 सरल वाक्य लिखिए।

Social Science:

Understand the human impact on biodiversity through agriculture, urbanization, deforestation, etc.

Study cultural practices that promote or harm biodiversity.

Computer Science / AI:

Learn how to use technology (AI, databases, GIS, etc.) to collect and analyze data on species diversity.

Explore case studies of AI in environmental monitoring (e.g., smart sensors, image recognition for wildlife tracking).

Vocational Education

1. Identify and describe one plant and one animal found in your local area. What makes them different from other living things?
2. Why is it important to protect different types of plants and animals around us?
3. Create a simple chart showing how different animals move (e.g., flying, walking, swimming). What kind of jobs might need knowledge about animal movement?

Physical Education

1. How do different animals move (e.g., birds fly, fish swim, humans walk)? Try copying their movements – how does it help your body?
2. Some animals eat only plants, some eat meat, and some eat both. Why is it important for us to eat a balanced diet like animals do?
3. Spending time in nature can improve your mood and health. Can you name three outdoor activities that keep you fit and help you observe living organisms?

