

# PM SHRI KENDRIYA VIDYALAYA SIDDIPET

## Autumn Break Holiday Homework – Class VI

### MULTIDISCIPLINARY PROJECT (MDP) Term-2

TOPIC: Water: A Precious Resource (जल: एक बहुमूल्य संसाधन)

- **Science-** What are the main sources of freshwater on earth? Write about each in few lines.
- **Mathematics-** Create a pie chart showing the percentage of water in oceans glaciers and freshwater.
- **SST-** Why is water scarcity a going problem in India? Explain.
- **English-** Write a poem on “The Journey of a Drop of Water”.
- **Hindi-** “जल ही जीवन है” विषय पर एक कहानी लिखिए ।
- **Sanskrit-** जलः हि जीवनं संरक्षण एवं महत्त्वं।
- **Art-** Create a poster on rainwater harvesting.

### INNOVATIVE PROJECT WORK

Theme: STEM for Viksit and Atmanirbhar Bharat

Choose ONE Sub-theme and prepare a model on it and write about it in your lab notebook.

 **Sustainable Agriculture (any one idea):**

 **Green Energy (any one idea):**

 **Lab Notebook Work (compulsory)**

- **Left Page:** Picture/sketch of your model.
- **Right Page:**
  1. Name of the Project
  2. Objective (What problem it solves)
  3. Materials Used (preferably waste/recycled)
  4. Process (Steps to make)
  5. Conclusion/Innovation (Why your project is unique and how it helps environment)

# PM SHRI KENDRIYA VIDYALAYA SIDDIPET

## Autumn Break Holiday Homework – Class VII

### MULTIDISCIPLINARY PROJECT (MDP) Term-2


TOPIC: Biodiversity conservation (जैव विविधता का संरक्षण)

- **Science-** What are the important local flora and fauna of your region, write their names and which species are endangered?
- **Mathematics-** Represent India's biodiversity hotspots in the form of a pie chart.
- **SST-** What role do forest and wildlife sanctuaries play in conserving biodiversity?
- **English-** Compose a poem titled "Nature's Symphony" to celebrate biodiversity.
- **Hindi-** "वन्य जीवों की पुकार" विषय पर एक लघु नाटक लिखिए।
- **Sanskrit-** पञ्चसु वन्यजन्तुषु पक्षिषु च चित्राणि कृत्वा संस्कृते लिखन्तु ।
- **Art-** Create a nature journal or painting that represents an ecosystem.


## Innovative Project Work

Theme: STEM for Viksit and Atmanirbhar Bharat

Choose ONE Sub-theme and prepare a model on it and write about it in your lab notebook.

 **Waste Management and Alternatives to Plastics**

 **Health & Hygiene**

 **Lab Notebook Work (Mandatory for Project)**

- **Left Page:** Picture/sketch of your model.
- **Right Page:**
  1. Name of Project
  2. Objective (What problem it solves)
  3. Materials Used (preferably waste/recycled)
  4. Process/Steps
  5. Conclusion/Innovation (How it is different and useful for future)

# PM SHRI KENDRIYA VIDYALAYA SIDDIPET

## Autumn Break Holiday Homework – Class VIII

### MULTIDISCIPLINARY PROJECT (MDP) Term-2

#### TOPIC: CLIMATE CHANGE (जलवायु परिवर्तन)

- **Science-** What is greenhouse effect and how does it lead to global warming?
- **Mathematics-** Using past 50 years data, draw a bar graph showing the rise in global temperature.
- **SST-** What are the key features of the Paris Agreement and COP conferences on climate change?
- **English-** How can today's youth contribute to fighting climate change? (write an article)
- **Hindi-** "धरती माँ का दर्द" विषय पर कविता लिखिए।
- **Sanskrit-** "पृथ्वी जलं वनानि चः पर्यावरण कथं धारयन्ति?"
- **Art-** Create a comic strip to show climate heroes and their actions.

#### Innovative Project Work

Theme: STEM for Viksit and Atmanirbhar Bharat

Choose ONE Sub-theme and prepare a model on it and write about it in your lab notebook.

 Sub-theme 1: Water Conservation & Management

 Sub-theme 2: Emerging Technologies

#### Lab Notebook Work (Mandatory)

**Left Page:** Paste/draw picture of your model.

**Right Page:**

1. Name of Project
2. Objective (What problem it solves)
3. Materials Used (preferably waste/recycled)
4. Process/Steps
5. Conclusion/Innovation (Why your project is unique and how it can help society/environment)