

**LAKSHMIPAT SINGHANIA ACADEMY**

**PROJECT PLAN (TERM II)**

**SESSION: (2022-23)**

**Theme: CONSERVATION OF SOIL**

**SUBJECT – ENGLISH**

**CLASS- VIII**

**FULL MARKS -20**

**Integration: SCIENCE, GEOGRAPHY**

**PROJECT TOPIC: CONSERVATION OF SOIL**

Soil---the surface of the earth, the treasure house of minerals, the bedrock of agriculture; literally, the source of life. A veritable ecosystem in itself, soil is a complex entity consisting of matter in various forms. The processes carried out within soil have far reaching effects on the entire environment. Extreme high levels of pollution in the last few decades have led to the contamination and loss of fertility of soil. This poses a grave threat to plant and animal life. Our aim should be to preserve and conserve soil through various techniques for a future based on sustainability. Raising awareness regarding depletion of soil fertility and potential desertification of vast stretches of land is the mainstay of our project.

**PROJECT:**

Each group of students will prepare a skit based on the following points:

- ❖ The theme must be soil conservation.
- ❖ The topic can be showcased in a variety of ways.
- ❖ The characters depicted must be bold and leave a lasting impact on the minds of the students.
- ❖ The plot should not be unnecessarily complex.
- ❖ Elements such as song, dance, recitation and the like can be incorporated to bring novelty into the skit.
- ❖ Class presentation of the skit must not exceed 3 minutes and the script should be written with the same in mind.
- ❖ Use of props and costumes should be kept to a minimum.
- ❖ The script must be submitted to the concerned teacher before the class presentation.

**LEARNING OBJECTIVES:**

- ✓ To enable the students to appreciate the importance of soil and identify the impact of its degradation.
- ✓ To enhance their knowledge of and concern for the environment.
- ✓ To enable them to showcase their creativity and innovation via the processes of scripting a skit and enacting it.

**MARKS DISTRIBUTION:**

<b>CONTENT (4)</b>
<b>VERBAL PRESENTATION (4)</b>
<b>LANGUAGE &amp; ACCURACY (4)</b>
<b>INNOVATION (4)</b>
<b>TEAM WORK &amp; OVERALL PRESENTATION (4)</b>

**LEARNING OUTCOME:**

- ❖ COLLABORATIVE APPROACH
- ❖ TEAMWORK
- ❖ RESEARCH-BASED SKILLS
- ❖ COMMUNICATION SKILLS
- ❖ ARTISTIC SKILLS

**CLASS VIII**  
**ENGLISH**  
**PROJECT RUBRICS**

The following rubric will be used to assess your project. If you have any questions regarding anything you read here, please clarify **BEFORE** the projects are due.

CATEGORY	PERFECT (4)	GOOD (3)	SATISFACTORY (2)	COULD BE BETTER (1)
<b>CONTENT (4)</b>	Directly relevant Facts are sequentially arranged Supported with details specific to the topic Ideas are original	Somewhat relevant Slightly disordered arrangement of facts Some details are supported with data specific to the topic Some ideas are original	Remotely relevant Some organization, points are scattered around, beginning and ending are unclear. Sketchy details, hardly specific to the topic Most of the ideas are not original	Totally unrelated Poorly organised arrangement of facts No logical progression Vague beginning and ending No original ideas
<b>VERBAL PRESENTATION (4)</b>	All the members presented a specific portion of the presentation with immaculate articulation, pronunciation and diction.	Most of the members presented a portion of the project with good articulation and somewhat good pronunciation and diction.	A few members presented a portion of the project with somewhat good articulation, pronunciation and diction.	Only 1 member/nobody presented a portion of the project with poor articulation and erroneous pronunciation and diction.
<b>LANGUAGE &amp; ACCURACY (4)</b>	No grammatical errors Appropriate use of vocabulary	No grammatical errors, a few punctuation or spelling errors Most of the vocabulary is appropriate	Some grammatical errors, but the idea is conveyed successfully Some of the vocabulary is appropriate	A lot of grammatical errors Inappropriate use of vocabulary
<b>TEAM WORK &amp; OVERALL PRESENTATION (4)</b>	Makes excellent use of colour, illustrations /graphics and space.	Makes good use of colour, illustrations /graphics and space.	Makes some use of colour, illustrations /graphics and space.	Makes minimal use of colour, illustrations /graphics and space.
<b>INNOVATION (4)</b>	100% UNIQUE	80% UNIQUE	60% UNIQUE	40% UNIQUE

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**HINDI 2<sup>ND</sup> LANGUAGE**  
**CLASS-VIII**

### **विषय- मिट्टी**

मनुष्य का मिट्टी से गहरा नाता है। जिसके बिना जीवन की कल्पना भी असंभव है। मिट्टी और मिट्टी पर आश्रित रहने वाले मनुष्य के बीच के संवाद एक सचित्र हस्त लिखित पटकथा (comic script) के रूप में प्रस्तुत करें साथ ही भूमिका निर्वहन के द्वारा उसे अभिव्यक्त करें।

#### **Learning Objective**

- मिट्टी के महत्व और विशेषता के प्रति जानकारी रखना।
- समसामयिक विषयों के प्रति जानकारी रखना।
- सृजनात्मकता का विकास।
- स्थितियों की परख तथा उपयुक्त भाषा-कौशल का विकास।

#### **Learning Outcomes**

- समसामयिक विषयों के प्रति जानकार हुए।
- मिट्टी के महत्व और विशेषता के प्रति जानकार हुए।
- सृजनात्मकता का विकास हुआ।
- स्थितियों की परख तथा उपयुक्त भाषा-कौशल का विकास हुआ।

#### **Marks distribution (अंक विभाजन):**

विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति (4)
लिखित / अभिनय प्रस्तुति (4)
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)
भाषा की उपयुक्तता (भाषा प्रयोग) (4)
समग्र प्रस्तुति (4)
कुल अंक - 20

### RUBRICS FOR CLASS – VIII (HINDI 2<sup>ND</sup> LANGUAGE)

मानदंड	4	3	2	1
विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति (4)	विषय सामग्री से जुड़े तथ्य प्रयुक्त लेखों में सटीक एवं विषयानुरूप है।	एक या दो तथ्यात्मक त्रुटियों के अलावा अधिकांश तथ्य सही एवं विषयानुरूप है।	कुछ तथ्य विषयानुरूप हैं परंतु तीन से अधिक त्रुटियाँ पाई गई हैं।	प्रयुक्त लेखों में विषय सामग्री स्पष्ट नहीं है।
लिखित / अभिनय प्रस्तुति (4)	अच्छे ढंग की तैयारी, टीम के सदस्यों का समन्वय सराहनीय, प्रस्तुतिकरण स्पष्ट एवं प्रभावी	पर्याप्त तैयारी, टीम के सदस्यों का परस्पर सहयोग देखा गया। प्रस्तुति के दौरान स्पष्टता पाई गई परंतु प्रभावी नहीं हो पाई।	कुछ विद्यार्थी ही लेखन कार्य में सहयोग देने के लिए तैयार, टीम के सदस्यों में परस्पर सहयोग का अभाव देखा गया। लिखित अभिव्यक्ति में आत्मविश्वास की कमी पाई गई।	छात्र तैयार नहीं, टीम वर्क का अभाव एवं लिखित प्रस्तुति अस्पष्ट एवं विषयानुरूप नहीं।
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)	परियोजना के विषय की प्रभावी अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का अच्छा उपयोग।	परियोजना के विषय की अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का कुछ उपयोग।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग कम होने के कारण विषय की अभिव्यक्ति स्पष्ट तौर पर नहीं हो पाई।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग नहीं होने के कारण विषयानुरूप अभिव्यक्ति नहीं हो पाई।
भाषा की उपयुक्तता (भाषा प्रयोग) (4)	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों का न होना। सहज एवं बोधगम्य भाषा का उपयुक्त प्रयोग	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों के कारण भाषा की उपयुक्तता का अभाव पाया जाना। विषय की सहज अभिव्यक्ति।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों के कारण भाषा की उपयुक्तता का अभाव पाया जाना।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी अत्यधिक त्रुटियों के कारण विषयानुरूप भाषा का प्रयोग न हो पाना।
समग्र प्रस्तुति (4)	परियोजना का समग्र प्रभाव दर्शकों के लिए रोचक और आकर्षक	परियोजना का समग्र प्रभाव दर्शकों का ध्यान आकर्षण करने के लिए पर्याप्त।	परियोजना की समग्र प्रस्तुति को आकर्षक बनाने के लिए कुछ प्रयास किया गया।	समग्र प्रस्तुति को रोचक बनाने के लिए विद्यार्थियों ने किसी प्रकार का प्रयास नहीं किया।

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**MATHEMATICS**  
**CLASS-VIII**

Healthy soils are **essential for healthy plant growth, human nutrition, and water filtration**. Healthy soil supports a landscape that is more resilient to the impacts of drought, flood, or fire. Soil helps to regulate the Earth's climate and stores more carbon than all of the world's forests combined.



**A. What is the importance of mathematics in soil analysis? (3)**

**B. ACTIVITY**

Three different samples of soil will be taken and 50mL water should be poured in each sample.

Amount of water drained out is to be measured after a lapse of 30 mins and hence the amount of water retained by that sample of soil will be found out.

Students will use their knowledge of soil to conduct an experiment which will require mathematical skills. They will figure out how much water (mL) will be retained from different types of soils. The soil has to hold just the right amount of water to successfully grow trees.

1. Prepare a report based on your observations. (5)
2. How will the presence of pebbles, sand and clay affect the behavior of soil? (5)

**Learning Objectives**

1. Students will test 3 different samples to determine which soil hold the most water
2. Students will use their mathematical skills to subtract amounts of water
3. Students will decide which soil would be the best to hold the "right" amount of water for planting a particular type of plant.

**C. 1. What is a soil texture chart and how do we read it?**

Explain clearly with a proper diagram. (5)

2. Mark two points on the Soil Texture Chart and explain their composition of clay, silt and sand in percentage. (2)

Please refer to the link given:

<http://www.westerville.k12.oh.us/userfiles/4148/Classes/5342/soil%20texture.pdf?id=517609>

The class should be divided into 6 groups and each group will make a project file of the above.

## MATHEMATICS PROJECT GRADING RUBRIC

### Class VIII

CATEGORY	GREAT WORK (4)	GOOD WORK (3)	SATISFACTORY (2)	COULD BE BETTER (1)
<b>TOPIC CONTENT – ACCURACY (4)</b>	Content well explained And proper images are included All facts are accurate	Content well explained But proper images are not included 90 – 95% of the facts are accurate	Explanation needs improvement 80 – 89% of the facts are accurate	More points need to be added Less than 80% of the facts are accurate
<b>WRITING- VOCABULARY EDITING- LANGUAGE (4)</b>	Use of mathematical terms in the proper way Presentation is free from grammatical errors	Use of few mathematical terms in the proper way The presentation may have one or two grammatical errors	Less use of mathematical terms in the proper way The presentation may have few grammatical errors	No Use of mathematical terms in the proper way There are many grammatical errors
<b>GRAPHICS- PICTURES (4)</b>	Graphics go well with the text and there is good mix of text and graphics	Graphics go well with the text , but they are inappropriately sized, too small or hard to read	Graphics go well with the text , but they are too few and the project seems text heavy.	There are no graphics, or they do not go with the topic.
<b>OVERALL PRESENTATION (4)</b>	The presentation is exceptionally attractive, in terms of design, layout and neatness.	The presentation is attractive, in terms of design, layout and neatness.	The presentation is acceptably attractive, though it may be a bit messy.	The project is distractingly messy or very poorly designed.
<b>MATHS- PROBLEMS AND EQUATIONS (4)</b>	Problems are written with the correct symbols, as they would appear in a maths test, and are completely free of errors	Problems are correct, but have one or two errors in symbols	Problems may have one or two errors in symbols, and incorrect answers.	Problems are not written correctly with symbols and do not work out correctly

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**SCIENCE**  
**CLASS-VIII**



Students to divide into 6 groups (of 5) and represent the following on a chart paper based on the following questions.

**CHEMISTRY**

Soil pollution refers to the contamination of soil with anomalous concentrations of toxic substances. However, the concentration of such substances in unpolluted soil is low enough as they do not pose any threat to the surrounding ecosystem. When the concentration of one or more such toxic substances is high enough to cause damage to living organisms, the soil is said to be contaminated. It is a serious environmental concern since it harbours many health hazards. For example, exposure to soil containing high concentrations of benzene increases the risk of contracting leukaemia.

Groups 1,2 and 3

1. Name a few pollutants – i) metals ii) pesticides that contaminate the soil.
2. Name a few processes that causes that causes soil pollution? Explain any one.
3. “SAVE SOIL-STAY HEALTHY” – Draw a poster representing it.

MARKS – ( 2+2+2=6)

Groups 4, 5 and 6

1. What do you think are the root causes of soil pollution?

2. Soil pollution due to PAHs can be sourced to coke (coal) processing, vehicle emissions, cigarette smoke, and the extraction of shale oil.
  - i) What do you mean by a) shale oil b) PAH?
  - ii) In what ways is it similar to petroleum?
  - iii) How is it associated with health hazard?
3. Draw a poster with the heading – “HAPPY LIFE STARTS WITH HEALTHY SOILS”

MARKS – ( 1+3+2=6)

Stick relevant pictures wherever necessary.

**LEARNING OBJECTIVES:** Students will explore and learn about the contaminants of soil, health hazards associated with it and steps to reduce soil pollution.

**LEARNING OUTCOMES:** Students will learn about the contaminants of soil, health hazards associated with it and steps to reduce soil pollution.

## **PHYSICS**

Water and soil are two major elements that are needed to secure the health and well-being of us humans and other organisms on this planet. Not only do these two domains provide a setting for us to live and thrive in, but healthy soil and clean water are prerequisites for the securing of the food chain for us and for the generations to come.

The environmental pollution is man-made and originates from a range of sources. Industries release toxic by-products and contaminated wastewater, and agricultural fertilizers and pesticides seep into the ground. Other sources that contribute are untreated sewage, oil spills, radioactive contamination and acid rain, all of which pose a hazard to human health. To meet the consumption needs and secure the supply of both healthy soil and clean water, there is a need to clean up the contaminated water and soil.

Students to divide into 6 groups (of 5) and answer the following questions:

1. What are the different ways of purification of water? [1]
2. Identify the different layers of soil (eg. Pebble, sand, charcoal etc.) which are used for natural purification of water and arrange them in proper sequence to

make a **three-dimensional model of water purification unit**. [You can use a pet jar or any transparent container for showing and **labelling the layers** of soil.] [3]

3. Briefly explain the function of each layer of soil in the purification process. [2]

**LEARNING OBJECTIVES:** Students will explore and learn about the function of different layers of soil.

**LEARNING OUTCOMES:** Students will learn about the comparative sizes of pebbles, gravels, sand, charcoal etc. and will also learn about how they are used in the purification of water.

## BIOLOGY

### SOIL BIOTECHNOLOGY:

#### AN INTEGRATION OF BIOLOGY WITH TECHNOLOGY

Sewage treatment plant treats domestic waste water for disposal. **Soil Biotechnology** (SBT) is an environment friendly waste processing technology that offers systems for **processing of both solid organic wastes and wastewater treatment using bacteria, earthworms and mineral additives in a garden-like setup**. This technology was initially developed at Indian Institute of Technology (IIT), Mumbai over two decades of research.

1) Make a poster to describe this technology comparing it with the traditional method of waste water treatment. Also include the ways you can utilize this water after treatment. 4M

2) How is soil biotechnology better than conventional Sewage treatment Plant? 2M

3) What could be the probable limitations of this technology for implementation in Kolkata? 2M

#### Learning Objectives:

The students will be able to:

- Understand the relation between modern and traditional methods of waste disposal. (Cognitive)
- Explain the steps of the Soil Biotechnology and use their creativity to design the poster in a meaningful way. (psychomotor)
- Realize the need of improvement in the techniques by understanding the drawbacks of the traditional method. (Affective)

Learning outcome:

- Point out the differences between the two methods.
- Explain of the ways by which this method can be beneficial to the population.
- Correlate the topographical features of Kolkata with other parts of India due to which it can be implemented here.

Evaluation Rubrics -BIOLOGY

	1	0.75	0.25
Authenticity of the contents (2)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (2)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media (2)	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (2)	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

Evaluation Rubrics: PHYSICS AND CHEMISTRY

	3	2	1
Authenticity of the contents (3)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (3)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement . The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media (3)	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (3)	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

**LAKSHMIPAT SINGHANIA ACADEMY**

**PROJECT PLAN ( TERM-2)**

**SESSION- (2022-23)**

**HISTORY**

**CLASS-VIII**

**Full Marks -10**

The concept of Sons of the Soil is deeply embedded in the human psyche. **Sons of the soil is an concept tying people to their place of birth** and confers some benefits, rights, roles and responsibilities on them, which may not apply to others.

It involves conflict between members of indigenous group concentrated in some region of a country, and relatively recent, ethnically distinct migrants to this region from other parts of the same country. **The members of the indigenous group think of their group as rightfully possessing the area as their group's ancestral (or at least very long-standing) home.**

By "conflict" we mean competition and **dispute over scarce resources such as land, jobs, or natural resources**. A Sons of Soil conflict may be violent, but it need not be. At the time of independence, due to low rate of economic growth **regional inequality** did not dissipated even after steps taken by the government. This **unequal access to resources and competition** for that raises the concept of the sons of the soil' movements.

Students must conduct research and prepare the project along the following lines:

- 1) Introduction
- 2) History/Origin of the movement
- 3) Nature of the Conflict
- 4) Major issues and events of the Movement
- 5) Aftermath
- 6) Bibliography

Each group may choose any one movement from the list given below:

- 1) Telengana Movement

- 2) Tebhaga Movement
- 3) Santhal Movement
- 4) Narmada Bachao Movement
- 5) Chipko Movement
- 6) Gorkhaland Movement

Criteria	Excellent	Good	Fairly good	Needs improvement
Content (5) 1) Introduction 2) History/Origin of the movement 3) Nature of the Conflict 4) Major issues and events of the Movement 5) Aftermath 6) Bibliography	All six categories present and explained in details [5]	Any four categories present and explained [4]	Any three categories present and explained [3]	Any two categories present and explained [2]
Presentation: (3) 1) Creativity 2) Use of pictures, graphs, cartoons, illustrations to explain the concepts	Both the elements are present and aligned with the topic [3]	Both the elements are present [2]	One element is present [1.5]	No use of creative tools [1]
Teamwork (2) Contribution of team members	Contribution of all team members given in details [2]	Contribution of at least four members given in details [1.5]	Contribution of at least three members given in details [1]	Contribution of one/two members given [0.5]

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**GEOGRAPHY**  
**CLASS-VIII**

**TOPIC: Save Soil (Soil Preservation)**  
**FULL MARKS:10**

*Save the Soil to Save the Environment.*

*Ensuring that our soil is rich and fertile is key to avoiding an ecological disaster.*

*Essentially, all life depends upon the soil. There can be no life without soil and no soil without life; they have evolved together.”*



**GROUP 1 and GROUP 3:** Soil Revitalization (Methods of Soil Rejuvenation).

**GROUP 2 and GROUP 4:** Soil Tilling (Practices and Methodologies).

**GROUP 5 and GROUP 6:** Soil Preservation (Techniques and ways to conserve soil).

**PROJECT FORMAT:**

- Projects need to be done in groups.
- Students can present it in the form of **Lapbook**.  
<https://youtu.be/crrmEQccKd8> (reference)
- Maximum 5 pages.

**MARKS DISTRIBUTION:**

- Content and Relevant to Topic – 3+2 = 5marks.
- Any small replica or idea to create or share to show Soil Preservation in India
  - 2 marks.

- **Presentation** – 2 marks.
- **Teamwork** - 1 mark.

**SUBJECT INTEGRATION:** Social Science, Lifeskills, Art, Music, Political Science, English, Economics, Biology, Chemistry.

**LEARNING OBJECTIVE:** The learning objectives include –

- Staying aware of the Save Soil all over India and Other places.
- Knowing about the new modern technology to improvise the soil quality.

**LEARNING OUTCOME:** The learning outcome will include –

- Independent research work.
- Collaboration.
- Awareness and awakening among all.

**LINKS** (for reference):

<https://youtu.be/DJ35R661daA>

<https://www.nationalgeographic.org/activity/preserving-soils/>

<https://youtu.be/Azb0So8M50Q>

<https://youtu.be/LpaPU-STAsY>

<https://homeguides.sfgate.com/tilling-soil-mean-43382.html>

---

### Rubrics for Evaluation

#### Subject: Geography Class 8

Marks Allotment	3	2	1
<b>Content (3)</b>	Applicable to Theoretical knowledge and all facts are correct.	Applicable to Theoretical knowledge and all facts are correct. There are more than 2 errors	Theoretical knowledge and facts are all irrelevant.
<b>Demonstration(2)</b>	-----	Demonstration includes relevant photographs/artwork/craft work/idea to support the content	photographs/artwork/craft work/idea not relevant or up to the mark.
<b>Relevancy(2)</b>	-----	Well proposed action plan by the group and appropriate for the topic.	Action plan proposed by the group are not relevant to the topic.
<b>Overall Presentation (2)</b>	-----	Overall impact of the project is attractive and appealing to the viewers. Students are well prepared. Teamwork is visible. Project is compiled up to the mark	Some attempt has been made to make the presentation appealing to the viewers. Students are well prepared. Teamwork is visible. Project is fairly compiled.
<b>Teamwork(1)</b>			Collaborative and supportive Teamwork, well-coordinated.

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**GERMAN 3<sup>RD</sup> LANGUAGE**  
**CLASS-VIII**

**Learning objectiv: Faktenbasierte Landeskunde**

(Fact based Cultural studies)

**Learning outcome: Umwelt schützen**

(Protect the environment)

Theme: **Soil**

**Integrated with English, Geography& SSc**

**Total Marks:20**

**Instruction:** -

➤ **Was ist Umweltschutz? und speziell Bodenschutz?**

(What is environmental protection? and specifically soil conservation?)

➤ **Halte einen Vortrag über Wie funktioniert Umweltschutz in Deutschland und Indien?**

(Make a presentation on How does environmental protection work in Germany and India?).

➤ **Wie tun die Länder den Bodenschutz?**

(How both the countries are doing soil protection?)

**Sammelt die Informationen aus verschiedenen Medien ....!**

(Gather information from different media.. !)

**Machen Sie einen Vergleich zwischen der Arbeitsweise der beiden Länder**

(Make a comparison between the two countries way of work)

**Was sollten die beiden Länder Ihrer Meinung nach voneinander lernen, um den Boden besser zu schützen?**

(What do you think the two countries should learn from each other to better protect the soil?)

**Macht eine Gruppenpräsentation! Im Unterricht zu erledigen.**

(Make a group presentation! To be done in class)

**Stellen Sie die Daten in der Präsentation mit entsprechenden Bildern, Informationen mit Datum zusammen.**

(Compile the data in the presentation with appropriate images, information with date)

**Die Präsentation sollte in deutscher Sprache erfolgen**

(The presentation should be made in Deutsch)

**Erwähn die Websites, Büchern, Zeitschriften, .. !**

**die zum Sammeln von Daten verwendet wurden!**

(Mention the websites, books, journals... which has been used for acquiring data)

**Einreichen**

(Submit)

**Marks:** -

Research work - 5

Quality of information: - 5

Presentation: - 10

Rubrics for Evaluation

	A 5	B 3	C 2	D 0.5
<b>Research work (5)</b>	Best quality of information	Good quality of information	Not so Good quality of information	The quality of information is not what is asked for
<b>Information (5)</b>	All the topics covered, all the information given as asked, followed all the instructions	All the topics covered, all the information given but not followed the instruction	Incomplete information	Mostly wrong information
	10	8	5	2
<b>Overall presentation (10)</b>	Proper presentation with the links used for research, Relevant decoration, properly furnished with the presenter's name class section and roll number	Presentation with the links used for research, Relevant decoration, not properly furnished with the presenter's name class section and roll number.	Presentation with the links used for research, Not so relevant decoration, properly furnished with the presenter's name class section and roll number	Presentation without the links used for research, not so relevant decoration, not properly furnished with the presenter's name class section and roll number

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**FRENCH 3<sup>RD</sup> LANGUAGE**  
**CLASS-VIII**

FULL MARKS-20

TOPIC-Conservation des sols

Learning Objectives : To increase the agricultural productivity in sustained manner without deteriorating the soil health .

Soil conservation is the prevention of loss of the top most layer of the soil from erosion or prevention of reduced fertility caused by over usage, acidification or other chemical soil contamination.

Project :

List out 3 methods of soil conservation. Measure the nutrition value of various soils.

Support your presentation with suitable pictures / drawings to make it attractive.

French words should be used as much as possible.

Projects will be group projects to be done in school.

Learning outcomes : They should be able to make a poster on Soil Conservation with slogan.

Marks Distributions :

1. Contents – 4
2. Creativity—4
3. Research – 4
4. Graphics – 4
5. Overall presentation - 4

Rubrics for Evaluation:

	4	3	2	1
<b>Content – Accuracy and understanding of the project (4)</b>	Has perfectly understood the contents and answered all questions precisely	Has understood the contents generally and has answered the questions correctly but with one or two factual errors	Has a limited understanding of the contents and has answered the questions satisfactorily with more than two errors	Has not understood the content and has answered the questions incorrectly
<b>Creativity and Originality – Art integration (4)</b>	Is exceptionally creative and has integrated the relevant pictures/drawings perfectly with the answers	Is creative and has integrated the relevant pictures/drawings with the answers	There is very little creativity and very little integration of the pictures/drawings with the answers	There is lack of creativity and integration of the pictures/drawings with the answers
<b>Research Work – Use of technology and media (links provided) (4)</b>	Has done extensive research on the contents with the links provided and has used the information precisely	Has done research on the contents with the links provided and has used the information precisely	Has done limited research with the links provided and has used the information satisfactorily	Has done little/no research and has lacked to use any information
<b>Graphics – Use of relevant pictures/drawings/ Photographs/labelling of model (4)</b>	Has used the relevant pictures appropriately and labelled accurately	Has used the pictures appropriately with adequate labelling	Has used the relevant pictures but without labelling	Has used few pictures with no labelling
<b>Overall Presentation, neatness and submission (4)</b>	The presentation is exceptionally good and very neat, along with the cover page and has been submitted .	The presentation is good and neat, along with the cover page and has been submitted .	The presentation is somewhat good with the cover page and has been submitted .	The presentation is very basic with no cover page and has not been submitted .

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**SANSKRIT 3<sup>RD</sup> LANGUAGE**  
**CLASS-VIII**

**Theme: Conservation of Soil**

Integration: Bengali 3<sup>rd</sup> Language, Bengali 2<sup>nd</sup> Language, Hindi 3<sup>rd</sup> Language, Geography, Art

**Total: 20 Marks**

In different parts of India, different kinds of soil can be found. Based on that different culture, weather, climate can be seen in different parts of India. Now a day's use of earthen utensils and jewelries are a trending fashion. To support the potters, culture, heritage of India the Sanskrit project will go deep in the Indian soil.

**Presentation:**

- Design/colour things made out of soil using a medium of your choice.  
(Individual activity)

**Project Booklet:**

- Mention a Song/poem of Soil
- List at least 5 earthen utensils and jewelries along with pictures
- A proper Cover and Title for the project

**Marks Distribution:**

Content (4)
Research (4)
Creativity (4)
Art Integration(4)
Overall Presentation(4)

**Learning Objectives:**

- Knowing the Geographical aspects of different parts of India
- Get to know about the potters and their struggle
- Creativity Skill enhancement
- Use and Application of language
- Writing Skill development

## **Learning Outcome**

At the end of the project, students should be able to understand the values and history of various soils of India as well as understand the values to respect and uphold the culture and heritage of India.

### Evaluation Rubrics

Skills	Competency			
	4	3	2	1
Content (4)	All subjects will be correctly written and each field will be reflected separately	Although the usage of soil mentioned but the song/poem is missing	Not every area of the required subject is mentioned	Incomplete work
Research (4)	Clear and appropriate reference to the usage of soil and the conservation	Clear but inappropriate reference to the subject	Soil conservation and usage is missing	Wrong representation of the project
Creativity (4)	Fundamental thinking in keeping with content	Lacks originality even though content is on par	Lack of uniformity in content and nomenclature	No Title
Art Integration (4)	Clean handwriting, appropriate cover ideas, unique designs	appropriate cover ideas, inappropriate Design	appropriate cover ideas missing	No Cover page
Overall Presentation (4)	Nice, clean presentation	Nice, clean presentation, lack of confidence	Untidy presentation	Spelling errors

**LAKSHMIPAT SINGHANIA ACADEMY**  
**PROJECT PLAN ( TERM-2)**  
**SESSION- (2022-23)**  
**HINDI 3<sup>RD</sup> LANGUAGE**  
**CLASS-VIII**

### **विषय मिट्टी**

मिट्टी हमारे जन-जीवन में रची-बसी है। मिट्टी पर आधारित किसी हिंदी कविता को ढूँढ़ कर लिखिए। आपके घर में प्रयोग की जाने वाली किन्हीं पाँच मिट्टी की वस्तुओं का कक्षा में प्रदर्शन कीजिए तथा मिट्टी से निर्मित किसी वस्तुकला को कक्षा में अपनी कल्पनानुसार सजाइये।

### **Learning Objective**

- मिट्टी की महत्ता से परिचित कराना।
- हिंदी साहित्य की अन्य रचनाओं से परिचित कराना।
- दैनिक जीवन में मिट्टी के प्रयोग के प्रति जागरूक कराना।
- उपयुक्त भाषा कौशल का विकास।

### **Learning Outcomes**

- मिट्टी की महत्ता से परिचित हुए।
- हिंदी साहित्य की अन्य रचनाओं से परिचित हुए
- दैनिक जीवन में मिट्टी के प्रयोग के प्रति जागरूक हुए।
- उपयुक्त भाषा कौशल का विकास हुआ।
- सृजनात्मकता का विकास हुआ।

### **Marks distribution (अंक विभाजन):**

विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति (4)
लिखित प्रस्तुति (4)
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)
भाषा की उपयुक्तता (भाषा प्रयोग) (4)
समग्र प्रस्तुति (4)
कुल अंक - 20

### RUBRICS FOR CLASS – VIII (HINDI 3<sup>RD</sup> LANGUAGE)

मानदंड	4	3	2	1
विषय वस्तु की प्रभावी एवं सृजनात्मक अभिव्यक्ति (4)	विषय सामग्री से जुड़े तथ्य प्रयुक्त लेखों में सटीक एवं विषयानुरूप है।	एक या दो तथ्यात्मक त्रुटियों के अलावा अधिकांश तथ्य सही एवं विषयानुरूप है।	कुछ तथ्य विषयानुरूप हैं पर तीन से अधिक त्रुटियाँ पाई गई हैं।	प्रयुक्त लेखों में विषय सामग्री स्पष्ट नहीं है।
लिखित प्रस्तुति (4)	अच्छे ढंग की तैयारी, प्रस्तुतिकरण स्पष्ट एवं प्रभावी	पर्याप्त तैयारी, प्रस्तुति के दौरान स्पष्टता पाई गई पर प्रभावी नहीं हो पाई।	कुछ विद्यार्थी ही लेखन कार्य में सहयोग देने के लिए तैयार, लिखित अभिव्यक्ति में आत्मविश्वास की कमी पाई गई।	छात्र तैयार नहीं एवं लिखित प्रस्तुति अस्पष्ट एवं विषयानुरूप नहीं।
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (4)	परियोजना के विषय की प्रभावी अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का अच्छा उपयोग।	परियोजना के विषय की अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का कुछ उपयोग।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग कम होने के कारण विषय की अभिव्यक्ति स्पष्ट तौर पर नहीं हो पाई।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग नहीं होने के कारण विषयानुरूप अभिव्यक्ति नहीं हो पाई।
भाषा की उपयुक्तता (भाषा प्रयोग) (4)	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों का न होना। सहज एवं बोधगम्य भाषा का उपयुक्त प्रयोग	प्रस्तुतीकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी कुछ त्रुटियों का ही होना। विषय की सहज अभिव्यक्ति।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों के कारण भाषा की उपयुक्तता का अभाव पाया जाना।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी अत्यधिक त्रुटियों के कारण विषयानुरूप भाषा का प्रयोग न हो पाना।
समग्र प्रस्तुति (4)	परियोजना का समग्र प्रभाव दर्शकों के लिए रोचक और आकर्षक	परियोजना का समग्र प्रभाव दर्शकों का ध्यान आकर्षण करने के लिए पर्याप्त।	परियोजना की समग्र प्रस्तुति को आकर्षक बनाने के लिए कुछ प्रयास किया गया।	समग्र प्रस्तुति को रोचक बनाने के लिए विद्यार्थियों ने किसी प्रकार का प्रयास नहीं किया।

## LAKSHMIPAT SINGHANIA ACADEMY

### PROJECT PLAN ( TERM-2)

SESSION- (2022-23)

### BENGALI 2ND LANGUAGE

### CLASS-VIII

**Theme : Soil**

**Integration : Bengali 3rd Language, Sanskrit, Geography, Art      F.M.-20**

### লাল মাটির টানে শান্তিনিকেতন

শান্তিনিকেতন “—নামের মধ্যেই লুকিয়ে আছে জায়গাটির মূল বৈশিষ্ট্য। শান্তির নীড় শান্তিনিকেতনে লাল মাটি, সবুজ বনানীর চিত্রপটে গড়ে উঠেছে রবীন্দ্রনাথ ঠাকুরের বিশ্বভারতী বিশ্ববিদ্যালয়। প্রকৃতির অতুল ঐশ্বর্য ও শিল্প সাহিত্যের অপূর্ব মেলবন্ধনে শান্তিনিকেতন শুধুমাত্র বাংলা বা ভারতের নয়, সমগ্র বিশ্বের কাছেই একটি আকর্ষণীয় দ্রষ্টব্য স্থান। বাংলা প্রকল্প কার্যের মধ্য দিয়ে এই লাল মাটির দেশে যাওয়ার জন্য উপযুক্ত তথ্য সম্পর্ক একটি ভ্রমন পুস্তিকা তৈরি কর। যাতে থাকবে

- শান্তিনিকেতনের অবস্থান
- যাবার আদর্শ সময়
- যাবার পথনির্দেশ ( বিভিন্ন ট্রেন ও বাসের খোঁজ )
- থাকার জায়গা ( সকল প্রকার সুযোগ-সুবিধার উল্লেখ সহ )
- বিশেষ বিশেষ দ্রষ্টব্য স্থান
- সংরক্ষিত লাল মাটির অঞ্চলের উল্লেখ
- প্রাসঙ্গিক ছবি
- উপযুক্ত প্রচ্ছদ

### নম্বর বিভাজন :

বিষয়বস্তু -12

শিরিনাম -১

উপস্থাপনা -৫

ভাষা -২

### প্রকল্পের উদ্দেশ্য :

- লাল মাটির দেশ শান্তিনিকেতন সম্পর্ক অবহিত হওয়া।

- জায়গাটির গুরুত্ব ও বিশেষত্ব সম্পর্কে জ্ঞান লাভ করা
- শিক্ষার্থীদের শৈল্পিক ও সৃজনশীল সত্ত্বার বিকাশ ঘটানো।
- নিজের শিক্ষা ও সংস্কৃতির সাথে পরিচয় ঘটানো।

### **প্রকল্পের কার্ডিয়াক ফলাফল :**

- শান্তিনিকেতনের গুরুত্ব ও বিশেষত্ব সম্পর্কে অবহিত হবে।
- বিশেষ বিশেষ দ্রষ্টব্য স্থান সম্পর্কে অবহিত হবে।
- বাংলা সংস্কৃতির সাথে পরিচয় ঘটবে।
- শিক্ষার্থীর ভাষার বিকাশ ও সৃজনশীলতার বিকাশ ঘটবে।

Rubrics for Bengali 3<sup>rd</sup> language open book project , Class-VIII

	5	4	3	2
<b>Content -5</b>	<b>Demonstrate a clear understanding of the theme and the content is written in an accurate manner without any error</b>	<b>Demonstrate an adequate understanding of the theme , the content is well written with some spelling error.</b>	<b>Demonstrate a partial understanding of the theme , the content lacks accuracy</b>	<b>Demonstrate a vague understanding of the theme , the content lacks accuracy</b>
<b>Research -5</b>	<b>Who are giving interview should consist of people from important 5 different profession and all five question should be relevant.</b>	<b>Who are giving interview should consist of people from 5 different profession and all five question should be relevant.</b>	<b>Who are giving interview are not from 5 different profession and all five question are not relevant</b>	<b>Who are giving interview are from same profession and all five question are relevant</b>
<b>Creativity and art integration-5</b>	<b>Excellent and attractive way of questioning, providing excellent quality of audio recording with appropriate title.</b>	<b>Appropriate way of questioning, providing excellent quality of audio recording with appropriate title.</b>	<b>Moderate way of questioning, providing good quality of audio recording with appropriate title</b>	<b>Error in questioning, providing not so good quality of audio recording with inappropriate title</b>
<b>Overall Presentation-5</b>	<b>Submission of excellent quality audio recording</b>	<b>Submission of good quality audio recording</b>	<b>Submission of fair quality audio recording</b>	<b>Submission offaverage quality audio recording</b>

## LAKSHMIPAT SINGHANIA ACADEMY

### PROJECT PLAN ( TERM-2)

SESSION- (2022-23)

BENGALI 3<sup>RD</sup> LANGUAGE

CLASS-VIII

**Theme : Soil**

**Integration : Bengali 3rd Language, Sanskrit, Geography, Art      F.M.-20**

### মাটির টানে

মাটির সাথে মানুষের সম্পর্ক নিবিড়। তাকে বাদ দিয়ে জীবন প্রায় অকল্পনীয়। এই মাটিকে নিয়ে রচিত হয়েছে নানা গান, কবিতা আরো কত কি। যা নানা সময়ে আমাদের মনকে দেয় উৎসাহ, দেয় প্রেরণা। বাংলা প্রকল্পের মধ্য দিয়ে এরকমই কোন একটি মাটির গান বা কবিতা ছবি সহ লেখ যা তোমাদের মধ্যে দেশাত্মবোধ জাগিয়ে তোলে এবং মনকে আনন্দে ভরিয়ে দেয়। এছাড়াও আমাদের দৈনন্দিন জীবনে মাটির তৈরি অনেক বাসনপত্র ব্যবহৃত হয়। তার মধ্যে থেকে যে কোন পাঁচটি মাটির তৈরি বাসনের নাম ছবিসহ বাংলায় লেখ। আসন্ন আলোর উৎসব দীপাবলি তে ব্যবহৃত মাটির ঘট বা প্রদীপ রঙ তুলির সাহায্যে রাঙিয়ে তোল।

### নম্বর বিভাজন:

উপস্থাপনা – ১০

বিষয়বস্তু - ৮

সৃজনশীলতা -২

### প্রকল্পের উদ্দেশ্য :

- মাটির গুরুত্ব ও বিশেষত্ব সম্পর্কে অবহিত হওয়া।
- মাটি সম্পর্কিত নানা সমসাময়িক তথ্য সম্পর্কে অবহিত হওয়া।
- মাটির ব্যবহার সম্পর্কে জ্ঞান লাভ করা।
- মাটির সাহায্যে উৎসবকে রঙিন করে তুলতে শেখা।

### প্রকল্পের কার্য্যিত ফলাফল :

- মাটির গান ও কবিতার মধ্য দিয়ে সৃজনশীলতার বিকাশ হবে।
- মাটির গুরুত্ব ও বিশেষত্ব সম্পর্কে অবহিত হবে।
- মাটির ব্যবহার সম্পর্কে অবহিত হবে।
- মাটির ঘট ও প্রদীপের নকশার মধ্য দিয়ে নিজেদের সৃজনশীলতার পরিচয় দান করবে।

➤ Rubrics for Bengali 2nd language project , Class-VIII

	5	4	3	2
Content -5	Demonstrate a clear understanding of the theme and the content is written in an accurate manner without any error	Demonstrate an adequate understanding of the theme , the content is well written with some spelling error.	Demonstrate a partial understanding of the theme , the content lacks accuracy	Demonstrate a vague understanding of the theme , the content lacks accuracy
Research -5	Who are giving interview should consist of people from important 5 different profession and all five question should be relevant.	Who are giving interview should consist of people from 5 different profession and all five question should be relevant.	Who are giving interview are not from 5 different profession and all five question are not relevant	Who are giving interview are from same profession and all five question are relevant
Creativity and art integration-5	Excellent and attractive way of questioning, providing excellent quality of audio recording with appropriate title.	Appropriate way of questioning, providing excellent quality of audio recording with appropriate title.	Moderate way of questioning, providing good quality of audio recording with appropriate title	Error in questioning, providing not so good quality of audio recording with inappropriate title
Overall Presentation-5	Submission of excellent quality audio recording	Submission of good quality audio recording	Submission of fair quality audio recording	Submission offaverage quality audio recording

**Lakshmipat Singhania Academy**  
**Project Term II -2022-23**  
**Subject: Computer Education**

**Class: VIII**

**Full Marks: 20**

**E-Waste & its Negative Effects on Soil**

**Learning objective:-**

- To make students aware of how eWaste is affecting the soil quality.
- To make students aware of proper eWaste disposal modes.
- To develop ICT skill of students by doing hands on project using HTML coding.
- To develop artistic skill by creating a webpage.
- To develop critical thinking skill while adding proper disposal methods.
- To develop communication thinking skill while conducting the survey.
- To develop collaborative skill as a team.

**Learning Outcome:**

- Students will gain an awareness and be encouraged to make others aware about how eWaste affects soil quality.
- Students will be able to handle HTML coding more efficiently.

---

**A few questions to consider:**

- *Do you still watch movies from a VCR or DVD players? More than likely, no.*
- *How many computers have your parents gone through in his lifetime? Probably quite a few.*
- *Have your home recently updated any large house appliances? Maybe, yes.*

**Where do all of those obsolete, outdated or non-functioning electronics go?**

When improper disposal of e-waste in regular landfills or in places where it is dumped illegally, both heavy metals and flame retardants can seep directly from the e-waste into the soil, causing contamination. When the soil is contaminated by heavy metals, the crops become vulnerable to absorbing these toxins, which can cause many illnesses and doesn't allow the farmland to be as productive as possible.

When large particles are released from burning, shredding or dismantling e-waste, they quickly re-deposit to the ground and contaminate the soil as well, due to their size and weight.

Ultimately, animals and wildlife relying on nature for survival will end up consuming affected plants, causing internal health problems.

**To Do (Before project)**

Do a small survey with your family members to find what eWaste they have with them? What will they do with these unwanted electronic waste.

**Each team member will do survey with two family members.**

## To Do (Project Day)

**Create a webpage using HTML.** The page should mandatorily have following points:-

- i. List two points how eWaste is affecting soil.
  - ii. Add four images:- i) depicting awareness for proper eWaste disposal ii) Save soil.
  - iii. Display the survey data in a table. (Name, eWaste, plan, Proper way)
- | Name of the person | eWaste Items | Plan of disposal | Proper way of disposal |
|--------------------|--------------|------------------|------------------------|
|--------------------|--------------|------------------|------------------------|
- iv. Use a few more HTML tags to make it a colourful and presentable webpage.  
DO NOT USE CSS.
  - v. You may bring the content and code in a piece of paper.
  - vi. Image will be downloaded during the project in school.

### Resources:-

- <https://elytus.com/blog/e-waste-and-its-negative-effects-on-the-environment.html>
- [www.w3schools.com](http://www.w3schools.com)
- Text Book - Reboot 7

### Rubrics for assessment:-

Criteria	4	3	2
Layout & Design	There are multiple graphic elements and variation in layout. Design elements assist visitors in understanding concepts and ideas.	There are some graphic elements and limited variation in layout. Design elements sometimes assist visitors in understanding concepts and ideas.	There are few or no graphic elements, no variation in layout and/or the colors and text interfere with the readability.
Writing Mechanics	The text has no errors in grammar, capitalization, punctuation and spelling.	The text has some errors in grammar, capitalization, punctuation and spelling.	The text has many errors in grammar, capitalization, punctuation and spelling.
Components	Possess all the required components as well as some added components	Possess all the required components but no added components	A few required components given
Promoted Awareness	Content Strongly promotes awareness about the topic	Content somewhat promotes awareness about the topic	Content does not promote awareness about the topic
Collaboration	Consistently stays focused on Task. Effectively encourages and supports the efforts of the group as a whole	Focuses on the task, most of the time. Usually encourages and supports the efforts of the group as a whole	Rarely focuses on the task. Let's others do the work and rarely supports the efforts of the group as a whole.