

Theme Description

An inquiry into natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how human use their understanding of scientific principles, **the impact of scientific and technological advances on society and environment.**

In this theme the learners will explore about various forms of energy that prevails and how it changes its form from one to another. They will learn to be caring towards mother nature and its imperativeness in one's life. They will try to imbibe being responsible citizens in times to come.

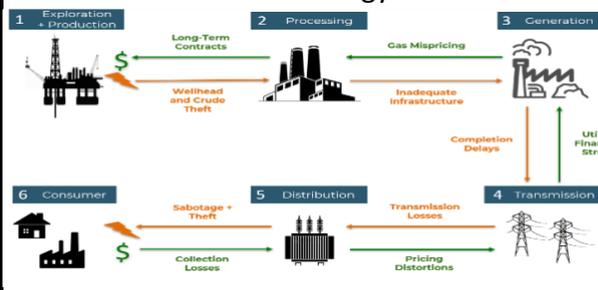
Central Idea

Energy may be converted from one form to another and stored in various ways.



Lines of Inquiry

- Different forms of energy
- Storage and transformation of energy
- Conservation of energy



Learner Profile

- **Caring:** - Learners will understand the mother earth and nature, will contribute towards energy conservation.
- **Principled:** - Learners will understand the importance of energy conservation and strive for it.

Approaches To Learning

- **Self-Management:** - Learners will inculcate the responsibility for energy saving and conservation.
- **Research:** - Learners will research on ways to conserve energy

Home learning and Action

We seek your valuable cooperation for persuading your ward for fruitful learning.

Suggested books for reading:

Some books and sites which will help the learners to go further during inquiry are:

- <https://www.constellation.com/energy-101/what-is-energy-conservation.html>
- <https://www.energysage.com/energy-efficiency/101/ways-to-save-energy/>

“Why should I save energy” by Abhaas Bhardwaj.
“Environmental issues in India” by Rangarajan

Key Concepts

- **Form:** -What are various forms of energy?
- **Change:** - How one form of energy changes into another?
- **Responsibility:** - How each one of us can share the responsibility of conserving energy?

Related Concepts

- **Conservation:** What role a child can play to conserve environment?
- **Transformation:** What are various forms in which energy can get transformed into another?

Subject Focus

Languages, Science, Social studies, Arts, Maths, PSPE

Take Action:

How you can contribute to conserve energy?
How will you spread a word of caution amongst your family and members of society?



SANSKAR SCHOOL

GRADE-V

Assignment 11

Date: Thursday, 26th November 2020

ENGLISH:

Read pages 126 to 128 of your Grammar Book to comprehend the correct use of **Punctuation and Capital Letters**. Complete the exercises given on page 128 in book.

MATHS:

T.D THEME: WHERE WE ARE IN PLACE AND TIME

SUMMATIVE ASSESSMENT

Conceptual understanding: - Conversion of units and measurements (Time duration) allow us to make sense of the world we live in.

Exploration is a result of human curiosity, pursuit of trade, spread of religious ideas and expansion of political power, to name a few. Exploration done over various centuries has led to discoveries, expansion of geographies, development of technology and increasing interconnectedness between people from different continents.

Let us go back in time to understand and study various explorations that have played an important role in forming the world that we live in.

TASK 1: - Collect the following information of any five Explorers and their discoveries.

- a) Name of the Explorers.
- b) Mention the country of origin of the explorer and the countries they explored?

c) Mention the year in which they started and completed the voyage?
Subsequently, calculate the number of years between the start and completion of the voyage.

Task 2: Arrange the name of the explorers (any five) and the **Time duration** of the voyages in the form of a **Timeline**. (You can stick pictures of the explorers).

NAME OF EXPLORER

TIME DURATION

Task 3: - Reflect on your research and write the skills and learner profile you have developed while doing this task.

REFLECTION: -

HINDI:

Theme: Where we are in place and time

S.A.-

कार्य -१) - भविष्य में भ्रमण हेतु अपनी पसंदीदा जगह का चयन करके उसके बारे में जानकारी एकत्र करिए तथा किसी भी ग्राफिक आर्गेनाइजर का प्रयोग कर उसे 'चित्रण एवं लेखन' के माध्यम से दर्शाइए।

--आप अपने लेखन कार्य में निम्न बिंदुओं को शामिल कर सकते हैं--

*आप उस स्थान पर क्यों जाना चाहते हैं?

* आप किन - किन दर्शनीय स्थलों के बारे में जानकारी प्राप्त करना चाहेंगे ?

*वहां जाने के लिए आप क्या-क्या तैयारी करेंगे ?

कार्य -२) उक्त कार्य का reflection लिखिए तथा बताइए कि इस कार्य को करने के दौरान आपके किन भाषायी कौशल तथा शिक्षार्थी प्रलेख का विकास हुआ ।

मानदंड	4	3	2	1
विषय - वस्तु	विषयवस्तु की पूर्ण समझ ।	विषयवस्तु की पर्याप्त समझ।	विषयवस्तु की आंशिक समझ।	विषयवस्तु को समझने में सहायता की आवश्यकता।
लेखन कौशल	मात्रा एवं वर्तनी संबंधी शुद्धता के साथ स्पष्ट एवं प्रभावी प्रस्तुति।	मात्रा एवं वर्तनी संबंधी शुद्धता के साथ उपयुक्त प्रस्तुति।	मात्रा एवं वर्तनी संबंधी आंशिक शुद्धता उचित शब्द चयन में आंशिक समर्थता।	मात्रा एवं वर्तनी संबंधी शुद्धता का अभाव, उचित शब्द चयन में असमर्थता।

UOI:

Theme: How the World Works

Unfolding of Central Idea

Write reflection of the activity done in class to unfold the Central Idea using the learning engagement **See–Think–Connect**

ART:

Task: Mosaic technique activity

Color the mushrooms using the mosaic technique on it as shown. Also, colour the remaining picture.

(Art book page no. 10), For reference picture is given below.

Mushroom

Mosaic technique activity

Colour the mushrooms using the mosaic technique on it as shown. Also colour the remaining picture.

Crafty Fact

Mushrooms contain more protein than most vegetables.



P.E.:

Watch the video to learn some fitness exercises.

<https://youtu.be/7Yq9OwyDly0>

