



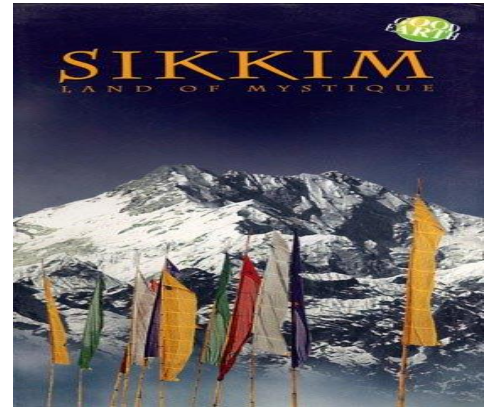
## WINTER HOLIDAY HOMEWORK(2020-21)

### CLASS VIII

#### ENGLISH

**OBJECTIVE:** To help students gain conceptual knowledge and understand the synergy between education and culture underlying Unity in Diversity.

**ACTIVITY I:** J.K Rowling rightly said, "There's always room for a story that can transport people to another place." Research about the culture, tradition and literature of Sikkim and use your creativity and imagination to weave a wonderful story on any topic on the basis of your research. The story should include the following elements: plot, setting, characters (protagonist/antagonist) and illustrations related to Sikkim. It should not exceed 200 words. Write the story and upload on the padlet.



**ACTIVITY II:** Project Covid: You are a wholesale seller of crackers. Write a letter to the Chief Minister expressing how you are affected by the ban on the sale of crackers, suggesting some measures that can help both you and the government.

**SKILLS DEVELOPED:** Creativity, self-awareness, analytical and critical thinking.

**MODE OF SUBMISSION:** Google Classroom

#### हिन्दी

- जयशंकर प्रसाद की कहानियाँ) -संख्या (10-6-कहानियों को पढ़कर निम्नलिखित बिंदुओं को व्याकरण रजिस्टर में पूरा कीजिए-
  - जयशंकर प्रसाद की कहानियों की पुस्तक का सुसज्जित पुस्तक-आवरण बनाएँ ।
  - लेखक के जीवन परिचय से संबंधित तीन ऐसी बातें लिखें जिससे आप सबसे ज्यादा प्रभावित हुए हों ।
  - आपकी मनपसंद कहानी कौन-सी है और क्यों ? उस कहानी को अपने शब्दों में लिखिए ।
  - यदि आपको अवसर प्रदान किया जाए तो आप इन कहानियों में से कौन से पात्र का अभिनय करना पसंद करेंगे और क्यों ?
  - यदि आप लेखक होते तो 'बेड़ी' कहानी का क्या अंत करते ? लिखिए ।
- हिंदी विषय के फोर्टफोलियों का निर्माण करें जिसके अंतर्गत कार्यपत्रिका , विशेष उपलब्धियाँ , अंतर्सदनीय , अंतर्विद्यालयीय प्रमाणपत्रों की जानकारी , विद्यालय द्वारा मनाए जा रहे विशेष अवसरों) Importance Days) पर भागीदारी आदि का विवरण प्रस्तुत कीजिए ।

**Mode of submission:** Google Classroom

## संस्कृत

व्याकरण पुस्तक के संख्यावाचि शब्दाः 'पाठ के आधार पर अपनी कल्पना के अनुसार विद्यालय परिसर के विविध चित्रों का स्लाइड्स पर प्रयोग करते हुए ADOBE सॉफ्टवेयर के अन्तर्गत एक पी० पी० टी० तैयार करें तथा संस्कृत में संख्यावाचक शब्दों का प्रयोग करते हुए पाँच वाक्य भी लिखें।

प्र 02 शब्दरूप व धातुरूप उत्तरपुस्तिका में लिखकर याद करें-

शब्दरूप -पितृ, मातृ, राजन्, भवत्, इदम्

धातुरूप -गम्, कथ्, कृ, श्रु, अस्, भू) लट्, लृट्, लङ्, लोट्, विधिलिङ् लकार में(

प्र 03 पठित पाठों का पुनराभ्यास करें व कार्यपत्रिका को उत्तरपुस्तिका में हल करें।

### अधिगम परिणाम :-

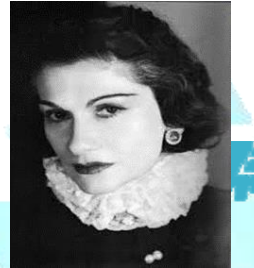
- शब्द निर्माण प्रक्रिया का ज्ञान व शब्द भंडार में वृद्धि।
- संस्कृत लेखन कौशल का विकास।
- भाषा संबंधी व्याकरणिक ज्ञान।
- चिंतन कौशल का विकास।

**Mode of Submission:** Google Classroom

## FRENCH

**Décrivez quelques personnalités françaises et collez leur image dans votre cahier.**

**Mode of submission :** Google Classroom



## MATHEMATICS

S. NO.	TOPIC	ACTIVITY						
1.	<b>FRACTAL SCAVENGER HUNT</b>	<p><b>Activity-1:</b> Explore discover fractal shapes in the nature.</p> <p><b>FRACTAL</b> is a never-ending pattern. Fractals are infinitely complex patterns that are self-similar across different scales. They are created by repeating a simple process over and over in an ongoing feedback loop. A great many patterns in nature are fractal, and just by stepping outside – even in an urban area – you can often find great examples of fractals. Some example of fractal in our surrounding:</p> <table border="1"><thead><tr><th>Fractals in clouds:</th><th>Fractals in stone:</th><th>Fractals in Nature:</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table> <p>Explore fractal shapes in our surrounding and prepare an online</p>	Fractals in clouds:	Fractals in stone:	Fractals in Nature:			
Fractals in clouds:	Fractals in stone:	Fractals in Nature:						

		<p>presentation for it using Microsoft Sway.</p> <p>Points to be taken care in Presentation:</p> <ol style="list-style-type: none"> <li>1. What are fractals?</li> <li>2. Fractals in our surrounding using at least five examples.</li> <li>3. Images taken by student using personal camera will be preferred.</li> </ol>
2.	<b>FRACTAL CUT OUT CARD</b>	<p><b>Activity–1:</b> <i>Prepare a Fractal cut out card using card board.</i></p> <ol style="list-style-type: none"> <li>1. Students will make a 3-dimensional fractal cutout card by repeating a simple process of cutting and folding.</li> <li>2. They can turn their cutout into a fractal popup greeting card, decorate it artistically, and share the lessons of fractals with others.</li> <li>3. One fractal cut out card can be seen in the given video: <a href="https://youtu.be/4YDHsMUQbVg">https://youtu.be/4YDHsMUQbVg</a></li> </ol>
3.	<b>EXEMPLAR PROBLEMS</b>	<p><b>Solve</b></p> <p>Unit 7: Algebraic Expression Identities and Factorization.</p>

**Mode of submission:** Google Classroom

## SCIENCE

1. Complete the worksheets posted on classroom.
 

Worksheet No. 1 Chapter Microorganism Friends and Foe.

Worksheet No. 2 Chapter some Natural Phenomenon.
2. "An infodemic of misinformation and rumors is spreading more quickly than the current outbreak of Corona Virus." – WHO (World Health Organization)
 

Misleading information is sowing fear and confusion in our communities.

Students, let's spread facts, not fear in our fight against the Corona Virus.

This will help educate people, reduce all misinformation and enable everyone to stay healthy and safe.
3. Activity Prepare a brief research report on COVID-19 virus outbreak. You may include the following points.
  - Causal organism
  - Origin
  - Mode of Transmission
  - Symptoms
  - Treatment
  - Preventive measures, giving DOs and DON'Ts.
  - At the end, pen down a write-up on "Life after COVID-19 Era"

If possible, justify your research report with pictures/ diagrams.

**Mode of submission:** Google Classroom





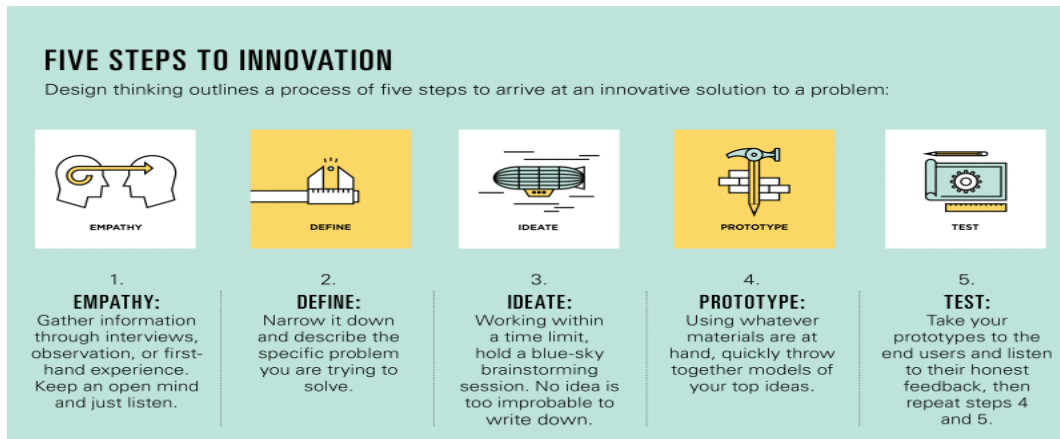
## 1 - MIX AND FIX - **Kabaad Se Jugaad:**

Students are supposed to show their skills of reusing the waste material where they can re-use any old item from their household items.

2 – Using Electronics to solve the problem.

3 – Design a Game or Application to Solve the problem.

4 – Robotics as a solution.



Or

## 1 - **Wastewater management across Rural/Agri belts and Urban settlements:**

There has been a significant decrease in per-capita water supply in the country over the past few years due to the rising speed of urbanization while an estimated 70% of wastewater goes untreated. To ensure water supply availability calls for effective monitoring, utilization, and recycling of wastewater.

Solutions are invited for:

- Innovative and low-cost management of greywater at the source.
- Detection and prevention of drainage in water bodies.

## 2 - **Design a Game or an application to make people aware of Fake News.**

**Fake News Detection:** As information gets passed on social media, it becomes difficult to discern its authenticity and may mislead people.

**Mode of submission:** Google Classroom



**THE BEST HOLIDAY HOMEWORK WILL GET AN ATTRACTIVE SURPRISE!!!!**

