



WINTER HOLIDAY HOMEWORK (SESSION 2019-20)

CLASS VI

ENGLISH

READING IS FUN

Dear Children as your **Winter Break** begins , involve yourself more in reading. Read any story book of your choice and complete the following Book Review Format:

Title of the Book:

Author of the Book:

• New words
from the Book:

What I Liked the Most:

Picture and name of my
favourite character:

NAME : _____
CLASS & SEC: _____

- Use **Adobe Spark** to write the Book Review.
- Complete the assignment of December in your English Grammar Notebook.

हिंदी

1. 'एडोब डिजिटल दिशा ' कार्यक्रम के अंतर्गत डिजिटल रचनात्मकता को बढ़ाने और सीखने की प्रक्रिया में बदलाव लाने हेतु एडोब स्पार्क का उपयोग करके नव वर्ष की शुभ कामनाएँ देते हुए स्लोगन या कविता लिखकर एक आकर्षक कार्ड तैयार करें तथा कक्षा के ई-मेल आई डी पर मेल कीजिए ।
2. दिसंबर माह की कार्यपत्रिका पूर्ण कीजिए ।
3. आगामी परीक्षा की तैयारी कीजिए ।

संस्कृत

‘मम परिवारः’ पाठ के आधार पर सगे-सम्बन्धियों के लिए प्रयुक्त होने वाले संस्कृतवाचक शब्दों का प्रयोग करते हुए **ADOBE सॉफ्टवेयर** के अन्तर्गत अपने वंश-वृक्ष (FAMILY TREE) का निर्माण करें।

FRENCH

Prepare a PPT or video of the terms used for clothing in French using Adobe Spark and email it on 'mohitbhola@yahoo.in'. Kindly write your name and class in the subject column of your email.



MATHEMATICS

Explain with examples all the following special numbers by making a video or PPT using either **ADOBE SPARK OR MICROSOFT SWAY** consisting of at least 8 slides.

- **Perfect Numbers**
- **Twin Primes**
- **Co-primes**
- **Square numbers**
- **Cube numbers**



Kindly write your name and class in the subject column of your email.

Class	Teacher In charge	Email id
Class VI A	Mr.Anshul Dubey	anshul.dubey@nd.balbharati.org
Class VI B & C	Ms.Vaishali Mittal	class6b@nd.balbharati.org
Class VI D	Ms.Namrta Kaushik	class6d@nd.balbharati.org

SCIENCE

TINKERING WITH MAGNETS:

- An iron Paper clip has fallen into a tumbler filled with water. How will you take out that clip without wetting your hands? Perform this experiment and draw diagram of the same in your notebook.
- Ever heard of AURORA? What is their correlation with magnets? Explain and draw diagram.



SCIENCE IN KITCHEN:

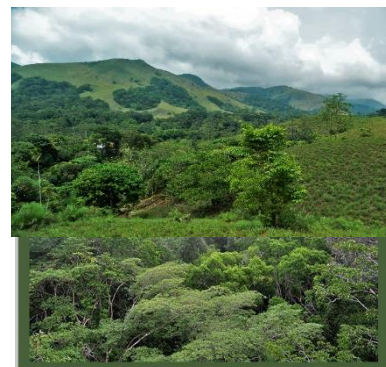
- At high altitudes water boils at lower temperatures. That is why food takes a longer time to be cooked in the mountains. Find out the name of the cooking appliance (available in every home) which increases the temperature at which water boils, thus makes cooking faster. Find out how this happens. Certain safety precautions have to be taken while using this appliance, otherwise it can burst. Find out what these safety measures are and write them in your notebook. You can also create a video or PPT using either ADOBE SPARK or MICROSOFT SWAY of the above mentioned process.

ASSIGNMENT: Complete the assignment for the month of December in your note book.

SOCIAL SCIENCE

Forests are very useful for us. They perform various functions like releasing oxygen, absorbing carbon dioxide controlling soil erosion and are responsible for rains. Students are required to make a video using Adobe Spark Software on any one of the following Natural vegetations of India:-

- 1) Tropical Rain forest
- 2) Tropical Deciduous forest
- 3) Mountain Vegetation
- 4) Mangrove forest



NOTE: You may include the following criteria:-

- a) Climate
- b) Flora
- c) Fauna
- d) Map image of the particular natural vegetation.

COMPUTER

Learn about a fun and interesting AI experiment by Google called **Google AutoDraw**. AutoDraw makes it much easier to draw common items. AutoDraw automatically recognizes what you're trying to draw and recommends shapes for you to select and place on the canvas. It's interesting to see how the AI engine shows you recommendations based on your rough drawing.

Visit these links to learn more about auto draw: <https://www.youtube.com/watch?v=z0Y1zPoHZ8k> & <https://www.youtube.com/watch?v=VwRbvVrUXTc>

Let us now integrate English, Mathematics and Science with AI.

Imagine you are a publisher, Design the book covers for English Story Book, Mathematics Book, Computer Book and Science Book using Autodraw.com for your publication company.

Using Spark Graphics online on spark.adobe.com, create a poster of these book covers for your publication company advertisement for the coming academic session.

Students to mail the link of their Spark Graphics AD to it.hw@nd.balbharati.org latest by 10 Jan 2020.