



Winter Vacation Creative/Text based Assignments (2022)

Grade IX

**Language Arts – English: (6 hrs.)**

Subject Teacher: Mr. Pawan Giri (9803036273)

Extra Credit Opportunities:

Be creative (each assignment should be on poster board and creative!!! For example: Map out plans for a successful revolt, list out new commandments, explain plans for feeding the troops, and a detailed campaign strategy!!)

1. Suppose the animals' revolt again, this time against Napoleon. Map out plans for a successful revolt. Be sure to include a suggested leader, a list of new commandments, plans for feeding the troops, and a campaign strategy for gaining the support of the sheep.
2. Make a chart showing the changes in Napoleon from the beginning of the rebellion to the end of the book. The chart should include a description of how his personality changed as well as drawings showing how his appearance changed.

**Language Arts – Nepali: (6 hrs.)**

Subject Teacher: Mr. Kamal Gyawali (9841016322)

१. सामाजिक सञ्जालमा खोजेर एक जना विश्व प्रसिद्ध फुटबल खेलाडीको जीवनी लेख्नुहोस् । जीवनी कम्तीमा २०० शब्दमा हुनुपर्ने छ । जीवनीमा ती खेलाडीको तस्बिर पनि टाँस्नुहोस् वा बनाउनुहोस् ।
२. प्रसिद्ध नेपाली गायक रामकृष्ण ढकालको “बिहान उठ्नेबित्तिकै हिमाल देख्न पाइयोस्, यी हातले सधैं सधैं नेपाल लेख्न ..” बोलको राष्ट्रिय गीत राम्ररी सुनी शृद्ध भाषामा लेखेर ल्याउनुहोस् । तपाईं यो गीत युटुबमा खोजेर सुन्न सक्नुहुने छ ।

Link : <https://www.youtube.com/watch?v=cwC8hHXmAnc>

३. एउटा विवाहको निमन्त्रणा पत्र तयार पार्नुहोस् ।
४. तपाईंलाई पायक पर्ने कुनै एउटा प्रसिद्ध ठाउँको भ्रमण गरी त्यस ठाउँको बारेमा एउटा निबन्ध लेख्नुहोस् । तपाईं मन्दिर, मस्जिद, चर्च, दरबार, निकुञ्ज, सङ्ग्रहालय, तीर्थस्थल, ऐतिहासिक ठाउँ आदि कुनै एकको बारेमा निबन्ध लेख्न सक्नुहुने छ । स्मरण रहोस्, निबन्ध कम्तीमा २०० शब्दमा हुनुपर्ने छ ।
५. विकिपिडियामा खोजी पञ्चेबाजाको छोटो परिचय दिनुहोस् । ती बाजाका चित्रहरू बनाई तिनका नामसमेत लेख्नुहोस् ।
६. कुनै पाँचवटा नेपाली उखान खोजी तिनलाई अर्थ स्पष्ट हुने गरी वाक्यमा प्रयोग गर्नुहोस् ।
७. शब्दको सुरु, बिच र अन्त्यमा दीर्घ ईकार र दीर्घ ऊकारको प्रयोग हुने तथा ड, ज, ण, न, म को प्रयोग हुने कुनै दस दसवटा शब्द पुस्तक वा पत्रपत्रिकाबाट खोजेर लेख्नुहोस् ।

**यी कुरा पनि याद राख्नुहोस् :**

- (१) मुख पृष्ठ (फ्रन्ट पेज) आकर्षक बनाउनुहोस् । मुख पृष्ठमा 'जाडो बिदाको नेपाली गृहकार्य (२०७९)' भनी लेख्नुहोस् । मुख पृष्ठमा आफ्नो नाम, कक्षा र सेक्सन पनि उल्लेख गर्न नभुल्नुहोस् ।
- (२) A4 साइज पेपरको एकतिर मात्र लेख्नुहोस् । हातले आफ्नै भाषाशैलीमा लेख्नुहोस् । A4 साइज पेपरमा हातले लेखेको कार्यलाई प्रार्थमिकता दिइने छ ।
- (३) यो गृहकार्यका लागि अन्तिम कार्य सम्पादन मूल्याङ्कन (Final PPE) मा १० प्रतिशत अङ्क प्रदान गरिने छ ।

### **Logic and Problem Solving: (6 hrs.)**

Subject Teacher: Mr. Suman Koirala (9843768980)

Research on the following topics:

1. Properties of triangles (All six types)
2. Properties of quadrilaterals (All the types of quadrilateral)
3. Circle and its terminologies

Make attractive power point presentations with a diagram to illustrate each property/ terminology and send it to sumankoirala62@gmail.com before winter vacation ends.

Your effort will be evaluated for the 5th PPE based on the following criteria:

1. Presentation layout
2. Content
3. Sequence of presentation
4. Special effects (Visual and sound)

It carries 10% of the internal marks in the 5th PPE.

### **Discovery Science: (6 hrs.)**

Subject Teacher: Mr. Khagendra Sharma (9848234198)

#### **Chapter: Wave (Page no. 178-194)**

Prepare reports on following topic of lesson WAVE, in your discovery science copy (NOTE COPY) :: DONOT USE A4 PAPER and include the following topics in your report. [ You must prepare this report in at least seven pages]

1. Wave definitions and types, differentiations, and some familiar terms related to the wave which is given in book page 180 to 182,
2. Electromagnetic spectrum: Definitions and drawings, Radio waves and other different types of radiations. Also draw pictures given in book page 183,
3. Write the importance of the X ray and CAT and CT,
4. Reflection of sound and types,
5. Ultrasound and ultrasonography introduction and uses.

#### **Chapter: Materials used in daily life (Page no. 341-356)**

Prepare report in the following topic in DS note copy.

1. Necessary nutrients of plants, fertilizers, compost manure, green manures, advantages
2. Inorganic fertilizers, types of inorganic fertilizers its types advantages and effect of deficiency. Include nitrogen, phosphorus, potassium fertilizers.
3. Advantage and disadvantage of chemical fertilizers, and differences,
4. Insecticides its types like bio-insecticides, and chemical insecticides their advantage and disadvantages
5. Conservation of soil quality

### **Social Studies: (3 hrs.)**

Subject Teacher: Mrs. Meenakshi Rana (9849417554)

१. प्यागोडा, शिखर, स्तूपा र मिश्रित शैली प्रयोग भएका एकएकओटा नमुना चित्र सङ्कलन गरी त्यस्तै चित्र कोर्नुहोस् ।  
अथवा
२. तपाईंको समुदायमा बसोवास गर्ने विभिन्न धर्मसम्प्रदायका मानिसले वर्षभरिमा मनाउने चाडपर्व तथा उत्सवबारे एक विवरण तयार गर्नुहोस् ।
३. तपाईंले कसैलाई सहानुभूति वा सहयोग गर्नुभएको छ या अरुबाट पाउनुभएको छ ? कुन कुन अवस्थामा के कस्तो सहयोग गर्नुभयो वर्णन गर्नुहोस् ।  
अथवा
४. शान्ति र युद्धबारेका विविध समाचार सङ्कलन गरी शान्ति संस्कृति निर्माणमा यिनले कसरी असर गरेका छन् ? वर्णन गर्नुहोस् ।
५. राष्ट्रिय विभूतिका तस्विर सङ्कलन गरी चार्ट पेपरमा परिचय र योगदान लेख्नुहोस् ।  
मेबाइल नं. 9849417554

### **ICT: (3 hrs.)**

Subject Teacher: Mr. Kshitiz Sherchan (9819534026)

The Following Programs are to be submitted in printed form.

1. Basic programs:
  - Converting Km. into m.
  - Area and Circumference of a Circle.
  - Display the area of 4 walls.
  - Display total surface area of a Cube.
2. Branching Statement:
  - Greatest among any three integers.
  - Even, Odd or Zero.
  - Display name of the week on entering respected number.
  - FizzBuzz.
3. LOOP:
  - 4 programs on LOOP.
  - 6 programs on Nested LOOP.
4. Function:
  - 6 patterns.

### **Optional Math: (3 hrs.)**

Subject Teacher: Mr. Suman Koirala (9843768980)

Research on the following topics:

Transformation (Reflection, Rotation, Translation and Enlargement)

State properties of reflection, Rotation, Translation and enlargement.

State formula for the following:

Reflection about X- axis, Y – axis,  $y = x$  and  $y = -x$ ,

Rotation about positive 90 degrees, negative 90 degrees and 180 degrees.

Make attractive power point presentations with a diagram to illustrate each property/ terminology and send it to [sumankoirala62@gmail.com](mailto:sumankoirala62@gmail.com) before winter vacation ends.

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7. Sequence of presentation

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### **Accounts: (3 hrs.)**

Subject Teacher: Mr. Shyam Lal Tolong (9808049897)

A. Short type questions

1. Define cottage and small-scale industries.

2. What are the measures to be taken to solve the problems of cottage and small scale industries?

3. What are the problems of agriculture in the country?

4. "Agriculture is the main source of livelihood in Nepal." Discuss.

5. List the importance of cottage and small-scale industries in Nepal.

B. Long Answer type questions:

1. Describe the problems of cottage and small-scale industries in Nepal.

2. Discuss the importance of cottage and small-scale industries in Nepal

3. What are the main problems of Agriculture? Suggest measures to overcome them.

4. What are the causes of poverty? Explain them in detail.

5. Draw the map of Nepal and show the poverty in each region.

**Note: 100% credit will be given to this assignment in the upcoming PPE.**

**MERRY CHRISTMAS & HAPPY NEW YEAR 2023!**

**Graderoom Facilitator:**

**Kshitiz Sherchan (9819534026)**

**Sama Sharma (9745941973)**