

1075 LOVU SANGAM SCHOOL

YEAR 7

ENGLISH

WORKSHEET #7 SOLUTION

**Strand:** Reading and Viewing

**Sub Strand:** Text types, Media everyday communication on Literary texts.

**CLO:** Explore and asses features of wide range of literary and media texts in print and multi modal text.

**TOPIC: COMPREHENSION.**

Read the passage below and answer the questions that follows.

**BLUE WHALES**

Blue whales are the largest **creatures** that have ever lived- bigger even than the largest **dinosaur**. Blue whales can grow to more than 100 feet in length and can weigh up to 190 tons. They are as long as six medium cars and about as heavy as 2000 men.

The top part of the blue whale's body is blue-grey with light **spots** while the lower part is pale grey to white.

Blue whales live in most oceans of the world and feed on krill which are small shrimp-like animals. They can eat up to 8 tons of **krill** a day.

Blue whales are not fish -they are **mammals**. They breathe air through their lungs just like other mammals. However, they can hold their breath for long periods of time, breathing out air through a **blowhole** when they surface. They give birth in the same way as dogs and cats and feed their 23-foot-long newborn calves on mother's milk.

The blue whale's most common enemies are killer whales and humans. They are sometimes hunted illegally or get caught up in fishing nets. These large animals can do little to protect themselves and are easy **prey**.

**Unfortunately**, blue whales are now an **endangered** species, which means they are in danger of disappearing forever. Many countries have now passed laws to **protect** the remaining whales.

**ACTIVITY**

Answer the following questions in **complete** sentences.

1. The top part of the blue whale is **blue-grey with light spots.**
2. How many medium cars could fit along a blue whale?  
**Six medium cars could fit along a blue whale.**

3. What kind of animal is a blue whale? **A blue whale is a mammal.**
4. What do blue whales eat? **Blue whales eat krill.**
5. How do blue whales have their young? **Blue whales give birth to their young.**
6. Why are blue whales endangered? **They are hunted illegally or get caught up in fishing nets and are in danger of disappearing.**

**Extra Activity: Fill in the blanks**

The blue, humpback, sperm and killer are all types of **whales**. Whales, dolphins and seals are mammals that live in the **sea**. Whales are huge animals that breathe in oxygen like humans. They can hold their **breath** for a long time but they must come to the **surface** to get air. They don't have gills like fish. Some whales are known to sing to **others** in their pod.

breath	others	whales	surface	sea
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<b>STRAND</b>	<b>Algebra</b>
<b>SUB- STRAND</b>	<b>2.1Patterns</b>
<b>CONTENT LEARNING OUTCOME</b>	Investigate and describe mathematical patterns and sequences

Activity.

1. Write the following set of numbers
  - a. First 6 square numbers.    **1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196 and 225.**
  - b. First 7 triangular numbers **0, 1, 3, 6, 10, 15, 21, 28, 36, 45, 55, 66, 78, 91, 105, 120, 136, 153, 171, 190, 210, 231, 253,**
  - c. First 6 rectangular numbers **0, 2, 6, 12, 20, 30, 42, 56, 72, 90, 110, 132, 156, 182, 210, 240, 272, 306,**
2. Complete the following pattern.
  - A. ( 1, 4, 9, 16, 25, 36, 49, 64, 81, 100)
  - B. ( 1, 3, 6, 10, 15, 21, 28)
  - C. ( 2, 4, 6, 8, 10, 12, 14, 16)
  - D. ( 1 , 3, 5 , 7, 9, 11, 13,15,17,19)
  - E. (2, 6, 12, 20, 30, 42, 56, 72)

3. Use the formula to solve the following problems. Do the working in the space provided

a. Find the 14 <sup>th</sup> square number.	196
b. Find the 20 <sup>th</sup> triangular number.	210
c. Find the 15 <sup>th</sup> triangular number.	120
d. Find the 18 <sup>th</sup> square number.	324

**1075 LOVU SANGAM SCHOOL**  
**YEAR 7**  
**HEALTHY LIVING**  
**WORKSHEET #7 SOLUTION**

**Strand:** Safety

**Sub Strand:** Personal Safety

**CLO:** Explains the need for applying rules in familiar settings.

**Topic:** Rules

**ACTIVITY**

1. In the table below, write down some rules applicable in these settings.

Rules at home	Rules in Community/Village	Rules in School
e.g No swearing		

2. Why do you have rules at home? **To keep us safe, to maintain order at home, etc. Accept any relevant answer.**
3. Who monitors these rules at home? **Father, Mother, grandparents.**
4. Why do school need rules? **To keep us safe, to maintain order in school, to avoid chaos, etc. Accept any relevant answer.**
5. If there were no rules in school, what do you think will happen? **There would be chaos as children and teachers will do whatever they want and whenever they want to.**
6. Who monitors rules in your community/village? **The turaga ni koro or village headman, the community leader, elders. Accept any relevant answer.**

**LOVU SANGAM SCHOOL**

**Year / Level: 7**

**Subject: HINDI**

**Worksheet – Home package 7**

**solutions**

STRAND	संस्कृति
SUB STRAND	सांस्कृतिक मूल्यों व व्यवहारों की समझ के द्वारा अपनी पहचान बनाए रखना ।
CONTENT LEARNING OUT COME	विभिन्न पारंपरिक - मिष्ठान/भोजन के पाक- विधि लिखना

**अभ्यास कार्य**

अ - दिए गए मिष्ठान/भोजन का चित्र बना कर उस में रंग भरिए ।

गेठ	लप्सी पूरी	इडली/ढोसा	सेवई
			

STRAND	संस्कृति
SUB STRAND	सांस्कृतिक मूल्यों व व्यवहारों की समझ के द्वारा अपनी पहचान बनाए रखना
CONTENT LEARNING OUT COME	शिष्टाचार, रिवाज़ परम्पराओं,जातीय- गणित, जातीय - विज्ञान, प्रौद्योगिकी तथा पर्यावरण -मुद्दें

**अभ्यास कार्य**

त्योहार	किस भगवान की पूजा की जाती है ।
दीपावली	□□□□□□□□
होली	□□□□□□□□

रक्षाबन्धन	□□□□□□
राम नवमी	□□□□□□□
कृष्ण जन्माष्टमी	□□□□□□
शिव रात्री	□□□□

**1075 LOVU SANGAM SCHOOL**

**YEAR 7**

**SOCIAL SCIENCE**

**WORKSHEET – Home package 7**

**solutions**

Activity

Answer the following questions.

1. What is climate change? Climate change is a change in global or regional climate

pattern.

2. Give at least give 3 things that are done by human which is causing climate change..

Cutting down of tree ( deforestation).

Burning of forest.

Using CFC gases e.g. using perfumes that contain CFC gases.

Use of fossil fuels e.g. benzene , kerosene, zoom and diesel

Not disposing rubbish properly.

Causing air, water and land pollutions.

Emission of green house gases.

3. Give two effects of global warming?

Accelerating sea level rise.

Impacts of weather will get worse such as droughts, flooding, stronger cyclones and heat waves.

Disruption in food production.

Acidification of ocean.

Can cause species to extinct.

4. What will happen to human kinds and other living things if we do not take actions now?

Can cause extinction of plants and animals, scare resources for future generations.





8. “**Veitalia ga na kacabote**” e i bole nei
- |    |              |    |      |
|----|--------------|----|------|
| A. | boto         | C. | koli |
| B. | saravalivali | D. | belo |
9. Na vula cava e vakatokai me vula i **sevu**?
- |    |         |    |           |
|----|---------|----|-----------|
| A. | Maji    | C. | Evereli   |
| B. | Janueri | D. | Veverueri |
10. Ke’u vakanadaku tiko e na **Tokalau**, au vakanamata ki na
- |    |            |    |      |
|----|------------|----|------|
| A. | Vualiku    | C. | Ceva |
| B. | Vua-i-cake | D. | Ra   |
11. E ra kena dau na sivilivi kei na ta waqa ko ira na
- |    |          |    |             |
|----|----------|----|-------------|
| A. | mataisau | C. | gonedau     |
| B. | bête     | D. | matanivanua |
12. E tini na **qari** sa dua na
- |    |      |    |      |
|----|------|----|------|
| A. | wai  | C. | rara |
| B. | vatu | D. | mata |
13. Na \_\_\_\_\_ e dau vakayacori ni dua na **vakamau**.
- |    |            |    |          |
|----|------------|----|----------|
| A. | tevutevu   | C. | roqoroqo |
| B. | i vakasobu | D. | reguregu |

**1075 LOVU SANGAM SCHOOL**  
**YEAR 7**  
**BASIC SCIENCE**  
**WORKSHEET – Home package 7**

**Solutions**

**Activity**

Do the following questions.

1. Write down six sources of energy.
  - a. Sun gives us solar energy
  - b. Wind gives us wind energy.
  - c. Water gives us hydropower.
  - d. Geothermal – energy that is heat generated by natural processes beneath the earth's surface.
  - e. Biomass – organic matter derived from organisms .
  - f. Fossil fuels.
2. Write the four forms of energy.
  - a. Heat
  - b. Electrical
  - c. Sound
  - d. Solar
3. There are 3 ways of heat energy transfer. Write the name and explain how the heat is transferred.
  - a. **Conduction** - transfers heat within a body or between two bodies that are touching. Energy is transferred directly e.g. putting a metal spoon in a hot tea. After some time the spoon will get hot and this is due to direct contact of spoon into the hot tea.
  - b. **Convection** – energy is transferred by the mass motion of molecules e.g. heating water in a pot. When heating water the water particles at the bottom of the pot will gain energy and the density will decrease therefore it will move up and the colder particles of particles from top will come down and this will continue which will form the particles to transfer energy in the convection form.
  - c. **Radiation** – energy is transferred by electromagnetic radiation e.g. when seated near a open fire you will feel the heat that heat is transferred through heat waves and this is called heat radiation.
4. Write at least one place you have used the following heat transfers.
  - $\alpha$ . Conduction – putting a metal spoon in a hot tea.
  - $\beta$ . Convection -heating water in a pot.
  - $\chi$ . Radiation - when seated near a open fire you will feel the heat that heat is transferred through heat waves