

**2034 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: English

Year: 8

Name: _____

Strand: Writing and Shaping

Sub-Strand: Language features and rules

CLO: Examine & explain socio cultural & other values, attitudes and beliefs and their relationships with the text used, audience, purpose and conventions.

LESSON NOTES:

<h1>12 TENSES</h1>			
Tenses	Positive	Negative	Question
Present Simple	I prefer my coffee black.	I don't prefer my coffee black.	Do I prefer my coffee black?
Present Continuous	She is listening the music now.	She is not listening the music now.	Is she listening the music now?
Present Perfect	It has rained a lot lately.	It has not rained a lot lately.	Has it rained a lot lately?
Present Perfect Continuous	She has been singing a song.	She has not been singing a song.	Has she been singing a song?
Past Simple	We watch the news last night.	We did not watch the news last night.	Did we watch the news last night?
Past Continuous	I was learning German last year.	I was not learning German last year.	Was I learning German last year?
Past perfect	He had left when I went to the club.	He had not left when I went to the club.	Had he left when I went to the club?
Past Perfect Continuous	They had been being friend since childhood.	They had not been being friend since childhood.	Had they been being friend since childhood?
Future Simple	They will study math.	They will not study math.	Will they study math?
Future Continuous	They will be loving you.	They will not be loving you.	Will they be loving you?
Future Perfect	By next week, they will have earned lots of money.	By next week, they will not have earned lots of money.	Will they have earned lots of money, by next week?
Future Perfect Continuous	I will have been shopping on Tuesday.	I will not have been shopping on Tuesday.	Will I have been shopping on Tuesday?

ACTIVITY: FILL IN THE BLANKS. CHOOSE THE CORRECT TENSE.

1. During the cyclone, the patient was _____ to a different hospital.

[transferred / transfer]

2. Tina learnt in her science lesson that metal will _____ when heated.

[expand / expanded]

3. The garment factory _____ only twenty people this year but there will be more jobs created next year. **[employed / employ]**

4. The sailors had _____ a small boat into the water to take the passengers to the shore. **[lower / lowered]**

5. The marine department has a large _____ of ships.

[fleet / fleets]

6. The students need to _____ the eggs from small to large.

[grade / graded]

7. The tiny rocket is _____ to the spacecraft and is designed to propel it toward Mars.

[attach / attached]

**2034 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: Mathematics

Year: 8

Name: _____

STRAND: –Measurement

SUB – STRAND: Volume

CLO: Work Out Any Volume and Capacity Using the Formula.

Measure and Compare Capacities Using Standard Units.

LESSON NOTES:

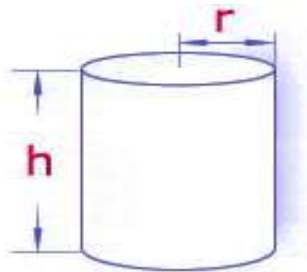
REVISIONAL WORK

Volume of Cylinder

**Volume of Cylinder = (Area of base) x
Height**

$$= (\pi \times r^2) \times h$$

Example: Calculate the volume of the cylinder with a height of 7cm and radius of 5cm.

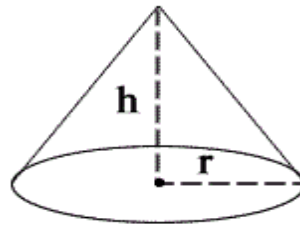


Solution: $V = \pi \times r^2 \times h$
 $= \frac{22}{7} \times 5\text{cm} \times 5\text{cm} \times 7\text{cm}$
 $= 22 \times 25 \text{ cm}^3$
 $= 550\text{cm}^3$

Volume of Cone

$$\text{Volume of Cone} = \frac{1}{3} \times \pi \times r^2 \times h$$

Example: Calculate the volume of the cone with a height of 12cm and the radius of 7 cm.



Solution: $V = \frac{1}{3} \times \pi \times r^2 \times h$
 $= \frac{1}{3} \times \frac{22}{7} \times 7 \text{ cm} \times 7 \text{ cm} \times 12\text{cm}$
 $= \frac{1}{3} \times 22 \times 7 \times 12$
 $= 616 \text{ cm}^3$

ACTIVITY:

PART 1: Calculate the volume of the cylinder. Use the dimensions given in the table below.

$r = 7\text{cm}$ $h = 10\text{cm}$ $V = \pi \times r^2 \times h$ $= \frac{22}{7} \times 7\text{cm} \times 7\text{cm} \times 10\text{cm}$ 1 $= 22 \times 7\text{cm} \times 10\text{cm}$ $= 22 \times 70\text{cm}^2$ $= 1540\text{cm}^3$	$r = 4\text{cm}$ $h = 7\text{cm}$ $V = \pi \times r^2 \times h$ $= \frac{22}{7} \times 4\text{cm} \times 4\text{cm} \times 7\text{cm}$ 1 $= 22 \times 16\text{cm}^2$ $=$	$r = 7\text{cm}$ $h = 21\text{cm}$ $V = \pi \times r^2 \times h$ $= \frac{22}{7} \times 7\text{cm} \times 7\text{cm} \times 21\text{cm}$ 1 $= 22 \times 7\text{cm} \times 21\text{cm}$ $= 22 \times 147\text{cm}^2$ $=$
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PART 2: Calculate the volume of the cone. Use the dimensions given in the table below.

$r = 7\text{cm}$ $h = 6\text{cm}$ $V = \frac{1}{3} \times \pi \times r^2 \times h$ $= \frac{1}{3} \times \frac{22}{7} \times 7\text{cm} \times 7\text{cm} \times 6\text{cm}$ 1 1 1 1 $= \frac{1}{3} \times 22 \times 7\text{cm} \times 6\text{cm}$ $= 154\text{cm}^2 \times 2\text{cm}$ $= 308\text{cm}^3$	$r = 3\text{cm}$ $h = 7\text{cm}$ $V = \frac{1}{3} \times \pi \times r^2 \times h$ $= \frac{1}{3} \times \frac{22}{7} \times 3\text{cm} \times 3\text{cm} \times 7\text{cm}$ 1 1 1 $=$ $=$	$r = 9\text{cm}$ $h = 7\text{cm}$ $V = \frac{1}{3} \times \pi \times r^2 \times h$ $= \frac{1}{3} \times \frac{22}{7} \times 9\text{cm} \times 9\text{cm} \times 7\text{cm}$ 1 1 1 1 $=$ $=$
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**2034 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: Healthy Living

Year: 8

Name: _____

STRAND: Safety

SUB-STRAND: Community Safety

CLO: Explain What Artificial Respiration Is. Discuss The Steps To Follow.

LESSON NOTES:

UNIT 21 ARTIFICIAL RESPIRATION (Refer to Healthy Living Textbook – Unit 21 Pg. 42-43)

- a) Breathing stops when a person has been electrocuted, poisoned, has injuries to his chest, has drowned or when an object has caused choking.
- b) When a person has stopped breathing, first-aid needs to begin immediately in order to prevent brain damage and death.
- c) Artificial respiration is the first-aid procedure for getting air into and out of the victim's lungs. This method is also known as rescue breathing.
- d) Mouth to mouth respiration is used in most situations.
- e) However, mouth to nose method is sometimes necessary especially if a person has serious mouth injuries.

f) STEPS TO FOLLOW

1. Stretch victim on his / her back. Loosen any tight clothing around his / her neck or chest.
2. Remove foreign objects from the mouth and throat by finger sweeping. Tilt him / her upside down or on his / her side to permit any fluid to run out the mouth.
3. Lift up chin and tilt head back as far as possible. Listen or feel his / her breathing.
4. Pinch the nose with the thumb and index finger, take a deep breath and blow into the victim's mouth by covering it with your mouth (5 breaths).

5. Check if the victim has started breathing (look, listen and feel) if not then give at least one full breath every 5 seconds. Continue the procedure until victim begins to breathe independently.

ACTIVITY:

1. FILL IN THE BLANK SPACES

- Stretch victim on his / her **back**.
- Loosen any tight _____ around his / her neck or chest.
- Tilt him / her _____ down or on his / her side to permit any fluid to run out the _____.
- Lift up _____ and tilt _____ back as far as possible. Listen or feel his / her _____.
- Pinch the _____ with the thumb and index finger, take a deep _____ and blow into the victim's _____ by covering it with your mouth (5 breaths).

2. Why is it important to give first aid immediately when a person has stopped breathing?

3. What is another name for artificial respiration?

4. Explain the mouth to nose method of respiration,

5. Why do you need to tilt the head back when you are giving artificial respiration?

6. When giving artificial respiration through mouth, why do we have to pinch the victim's nose?

**2034 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: Social Science **Year:** 8 **Name:** _____

Strand: Resources and Economic Activities

Sub- Strand: Use and management of resources

CLO: Identify evidence and discuss about the use of time and its effects.

Sort and discuss methods to approve proper managing of time.

LESSON NOTES: **Importance of Using Time Properly**

What is time Management?

It is a set of principles, practices, skills, tools and systems that help you use your time to accomplish what you want.

Why is time management important?

- Time is a special resource that you cannot store or save for later use.
- Wise time management enables us to complete all our tasks and have time left for leisure activities.
- By planning your time wisely, you will have more time to do more things.
- Time management will help you set up your priorities. The things urgently needed to be done, has to be done first.
- You become more productive and creative. This will help you to achieve your goals.

How to Manage Time Wisely

- Thinking, planning, finding out how others manage their time, and reading books and articles on time management, will develop these skills and give you good ideas.
- Make a wise choice.
- Get up early in the morning.
- Give up watching TV late at night and go to sleep a little earlier.
- Positive Thinking- will let you focus on what you are doing, without stress and strain.
- Always plan your time well and don 't waste it on useless matters.
- Don't procrastinate, and do everything in the best way you can, with focus and attention.

ACTIVITY: Fill in the blank spaces with the correct response.

- **Time** is a special **resource** that you cannot store or save for later use.
- Wise time _____ enables us to complete all our _____ and have time left for _____ activities.
- By planning your time _____, you will have more _____ to do more things.
- Time management will help you set up your _____. The things _____ needed to be done, has to be done first.
- You become more _____ and _____. This will help you to _____ your goals.

A. Write True or False for each statement given below.

1. Time management is important for your personal life and career success.

2. Not everyone has the same amount of time each day. _____
3. People who procrastinate are able to achieve all their goals. _____
4. Planning your time effectively allows you to do more rewarding activities.

5. Good time management skills can help you reduce wasted time and effort.

6. Good time management is a waste of energy and effort. _____
7. Time once wasted can never be recovered, _____
8. Wasted time can be compensated with future proper time management.

9. Early to bed and early to rise will make you healthy, wealthy and wise.

**2034 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: Basic Science

Year: 8

Name: _____

STRAND: Energy

SUB-STRAND: Energy Transformation, Use And Conservation.

CLO: Assess sources of non-renewable energy that are limited and appreciate the need to utilize renewable energy sources

LESSON NOTES:

Energy Sources [Notes continued from last week]

Wind Energy

- In the past wind energy was used for sailing ships, pumping water and grinding grain.
- Now, electricity can be generated by wind.
- Energy supply is free.
- Expensive to set up.

Biomass

- Biomass is defined as any organic matter.
- A steam turbine can be as simple as cutting or chipping wood, animal waste or agricultural crops for direct combustion for conversion to energy.
- Ethanol is derived from these biomass feed stocks.

Geothermal

- is the heat generated by natural processes beneath the earth's surface.
- Geothermal energy is recovered as steam and hot water. The steam is used to run generators.

ACTIVITY: FILL IN THE BLANK SPACES

1. Energy which is irreplaceable is called **non - renewable** energy.
2. Energy which is replaceable is called _____ energy.
3. _____ is pollution free and renewable source of energy.
4. In the past wind energy was used for _____, _____, pumping _____ and grinding _____.
5. _____ can be generated by wind.
6. Wind Energy is _____ to generate.
7. Biomass is defined as any _____ matter.
8. A steam _____ can be as simple as cutting or chipping wood, _____ waste or _____ crops for direct _____ for conversion to energy.
9. _____ is derived from these biomass feed stocks.
10. _____ is the heat generated by natural processes beneath the earth's surface.
11. Geothermal energy is recovered as _____ and hot _____.
12. The steam is used to run _____.

**2024 NANUKU SANGAM SCHOOL
NEW TERM RE-ALIGNED
WORKSHEET 10 -2021**

Subject: Hindi

Year: 8

Name: _____

STRAND:	H2 – मूल-पाठके प्रकार-मीडिया, साधारण संप्रेषण, साहित्यिक विषय
SUB STRAND:	H2.3 – सामाजिक व सांस्कृतिक संदर्भ और परिस्थितियाँ
CONTENT LEARNING OUTCOME:	H2.3.1 वर्णन करना कि विशिष्ट उद्देश्यव दर्शकों के लिए विषय कैसे निर्मित होते हैं तथा पहचानना कि पाठ में सांस्कृतिक व धार्मिक मूल्य, मनोभाव व विश्वास कैसे प्रस्तुत होते हैं

LESSON NOTES:

पत्र लेखन

आपका नाम अजय/अमीषा है। आप बेला रोड, सूबा में रहते/रहती है। पिछले दो सप्ताह से आपकी बस की सेवा न मिलने पर कठिनाई होती है और पाठशाला पहुँचने में रोज सुबह देर हो जाता/जाती है। आप सत्य पाठशाला, सूबा में पढ़ते/पढ़ती है। अपने मुख्य अध्यापक, श्रीमान बर्माजीकी पत्र लिख अपनी कठिनाई बताने हए इसकी सूचना दीजिए।

अभ्यास

औपचारिक पत्र - ब्लॉक फॉर्मेट का उदाहरण |

बेला

सूबा

23 सितम्बर 2021

-----LEAVE A LINE

सेवा में

मुख्य

सत्य पाठशाला

आदरणीय श्रीमान बर्माजी

सादर नमस्ते

-----LEAVE A LINE

विषय : बस की सेवा न मिलने पर पाठशाला पहुँचने में कठिनाई

-----LEAVE A LINE

पत्र [] का मुख्य कारण यह है कि ऊपर दि० ग० विषय पर सूचना देनी है।

-----LEAVE A LINE

पिछले दो [] से बस की सेवा सुबह समय पर नहीं मिलती है। दूसरी बस पौने आठ बजे आती है जो साढ़े [] बजे के करीब ही पाठशाला पहुँचती है। कभी कभी तो [] पैदल आना पड़ता है। यही कारण है कि पाठशाला पहुँचने में देर हो जाती है।

-----LEAVE A LINE

[] है कि देर से आने के लिए आप मुझे [] करेंगे।

-----LEAVE A LINE

आपका छात्र / आपकी छात्रा

अजय / अमीषा

