

LABASA SANGAM COLLEGE
AGRIULTURAL SCIENCE YEAR 9
HOMESTUDY PACKAGE
HORTICULTURE WORKSHEET 4

NAME _____

YEAR _____

1. Outline any three characteristics a seed should have for it is selected for planting?

i) _____

ii) _____

iii) _____

2. What can the farmers find out from calculation of germination percentage?

3. Differentiate between *Direct seeding* and *Transplanting*?

4. Explain why crops with small seeds are transplanted?

5. List down any three materials that can be used for germinating seedlings?

i) _____

ii) _____

iii) _____

6. State the rule of thumb when preparing the planting drill?

7. Define the term *Hardening off*?

8. Explain why *hardening off* is done to seedlings?

9. State the best times for lifting seedlings?

i) _____

ii) _____

10. Explain why we need to drench soil of the seed bed two hours before lifting seedlings?

11. Differentiate between *Transpiration* and *Photosynthesis*?

12. How do plants take minerals dissolved in water?

HOME STUDY PACKAGE
LABASA SANGAM COLLEGE
BASIC SCIENCE
YEAR 9-WORKSHEET- 2021
WEEK 4- MATTER

NAME: _____

YEAR: _____

1. define the following with an example each:

a. melting-

b. freezing-

c. condensation-

d. sublimation-

2. list 3 properties of materials?

3. name two classes of materials and where they are manufactured from?

HOME STUDY PACKAGE

Name: _____

Year: _____

School: Labasa Sangam (SKM) College
Subject: Basic Technology
Worksheet Number 1/Week 4

Year /Level: 9A/B/C/D/E
Due Date: 16/08/21

Topic: Working with metals-Materials

1. (i) What are main differences between ferrous and non-ferrous metals?

(2marks)

- (ii) For each of the following metals, state whether it is ferrous or Non-Ferrous

Copper- _____

Steel- _____

Aluminium- _____

(3marks)

- (iii). Fill in the Table Below

Name	Carbon content	Used	Properties
Dead mild steel			
Mild steel			
Medium carbon steel			
High carbon steel			

(12marks)

Topic: Plastic, Natural Rubber

1. (i) Plastics are divided into two main categories.

Name the categories.

CATEGORY 1 _____

CATEGORY 2 _____

(2marks)



- (ii) Which category of plastic can be moulded and remoulded many times?

(1mark)

- (ii) Materials from which category can be heated and mould only once?



_____ (1mark)

2. What does P.V.C stands for?

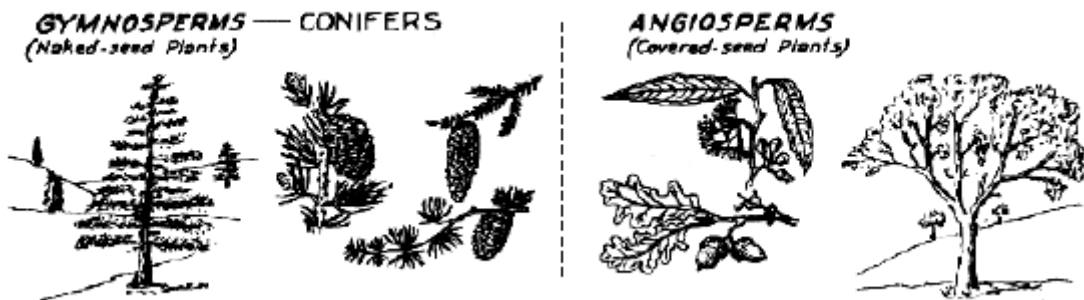
_____ (1mark)

3. What is the differences between Thermosetting plastic and Thermoplastic

(1mark)

Topic: Timber

1. Identify the features of softwood and hardwood shown below.



Softwood

1. _____
2. _____
3. _____
4. _____

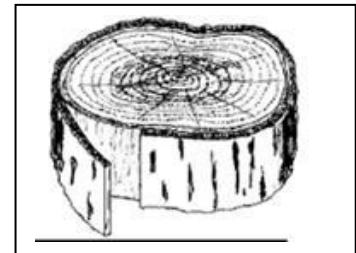
Hardwood

1. _____
2. _____
3. _____
4. _____

(8marks)

2. What is the function of the bark of a tree as shown in the diagram

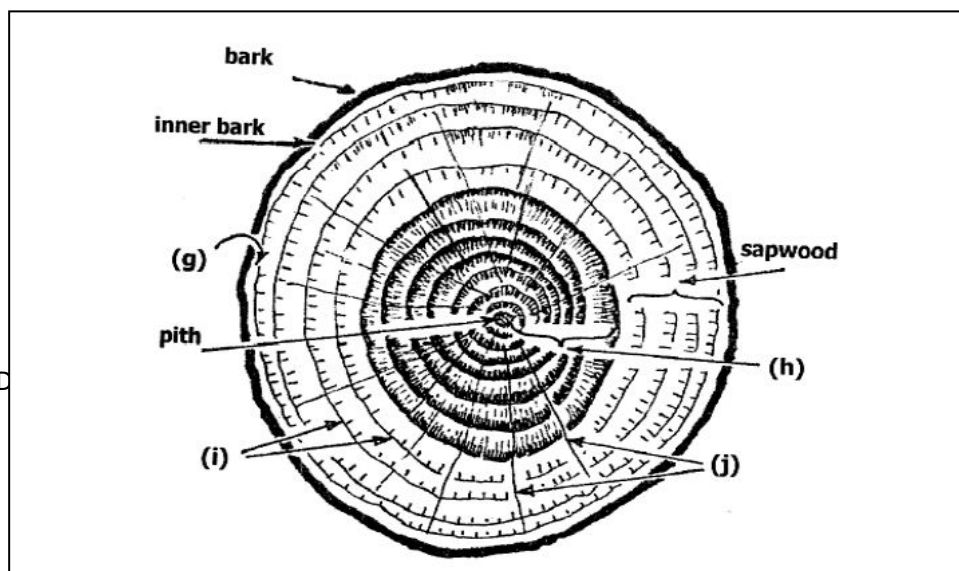
(1mark)



3. Study the diagram below and then answer the following questions.

(i). Give the names and function for each part shown by the following letters.

SANGAM ED



Letter	Name	Function
(g)		
(h)		
(i)		

(6marks)

Topic: Leather

1. Leather is a product with high environmental impact
State two disadvantage of leather industry?

(2marks)

2. State two uses of Leather in our daily life's

(2marks)

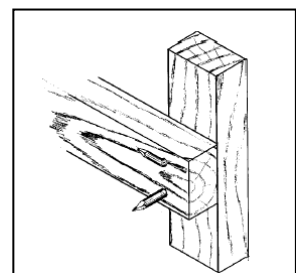
3. Briefly explain why Leather is a versatile material?

(1mark)

4. Briefly explain how leather is manufactured from a Raw hides/skin

(2marks)

Topic: Hardware-Nails/screws



1. What is the correct term for bending the nail to make it safe at the back of a piece of wood, as shown in the diagram

Correct Name:_____

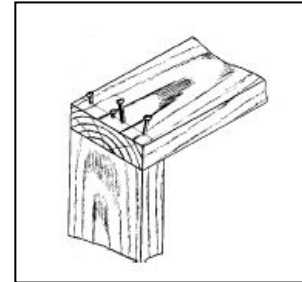
(1mark)

2. To make a stronger joint, nails are often hammered in at a slight angle as shown in the sketch.

What is the correct name for this type of nailing?

Correct Name:_____

(1mark)



3. Nails are sold by mass (commonly called weight) and priced as much per kilogram (kg)
(i) State five feature used to order nails from the Hardware shops

(5marks)

4. **Screws** are available in a wide variety of sizes, types, metals and finishes.
Name three different type of screw available in hardware shops.

(3marks)

LABASA SANGAM (SKM) COLLEGE

HOME STUDY PACKAGE

YEAR 9

COMMERCIAL STUDIES

WORKSHEET 4

WEEK 4

STRAND 2: BUSINESS INFORMATION 1

Lesson 2.0

Financial Accounting

1. Which of the following statement is **not** a reason for starting a small business?
 - A. to beat unemployment
 - B. to meet the demand for people
 - C. to earn income by making profit
 - D. to increase the number of shops

2. State two reasons for existence of business.

3. State two reasons for starting a business.

NAME: _____

YEAR: ____

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LABASA SANGAM (SKM) COLLEGE

LESSON NOTES – WEEK 4

SUBJECT: HOME ECONOMICS

YEAR: 9

STRAND 2	Food and Nutrition
SUB STRAND	Nutrition – Diet and Health
CONTENT LEARNING OUTCOME	Describe basic meal patterns with appropriate foods for the meal and state the importance of breakfast.

BASIC MEAL PATTERNS

The following are only a few of the possibilities:

Meal	Basic Plan	Suitable foods
Breakfast	<ul style="list-style-type: none">✓ Fruit or fruit juice✓ Cereal with milk✓ Main dish of protein✓ Bread with spread✓ Beverage	<ul style="list-style-type: none">✓ Banana✓ Porridge with milk✓ Egg on toast✓ Milo with milk [OR]✓ Pawpaw✓ Roti with saijan✓ Tea with milk
Lunch	<ul style="list-style-type: none">✓ Bread/ root crops/ grains✓ Main dish✓ Vegetables✓ Fruit✓ Beverage	<ul style="list-style-type: none">✓ Boiled cassava✓ Steamed fish with bele✓ Kavika✓ Lemon juice [OR]✓ Boiled rice✓ Chicken curry

		<ul style="list-style-type: none"> ✓ Vegetable salad ✓ Apple ✓ Fruit punch
Dinner	<ul style="list-style-type: none"> ✓ Bread/ root crops/ grains ✓ Protein dish ✓ Vegetables ✓ Beverage 	<ul style="list-style-type: none"> ✓ Boiled dalo ✓ Grilled fish ✓ Steamed leafy vegetables ✓ Orange juice [OR] ✓ Boiled rice ✓ Chicken chopsuey ✓ Lemon juice

DAILY MEALS

Most people have three meals a day: in the morning, afternoon and in the evening.

1. **Breakfast** – The morning meal. It is the first meal after a night of fasting. It is important as a good breakfast gives much needed boost to your energy to kick start your day.
2. **Lunch** – Often a simple meal taken in the afternoon. Though simple it should be nutritious. Many people have lunch at the school or work canteen, fast food outlets or restaurants.
3. **Dinner** – Is an evening meal. Usually taken at home with the family. It is often more elaborate than breakfast or lunch. Dinner often consists of grain products such as rice or root crops and roti with main and side dishes, and soups or a drink.

SNACKS

Is a portion of food often smaller than a regular meal, generally eaten between meals. Snacks come in a variety of forms including processed foods and items made from fresh ingredients at home eg. Sandwiches, nuts, fruits and packed crisp foods.

LESSON NOTES – WEEK 5

SCHOOL: LABASA SANGAM (SKM) COLLEGE

YEAR: 9

SUBJECT: HOME ECONOMICS

STRAND 2	Food and Nutrition
SUB STRAND	Nutrition – Diet and Health
CONTENT LEARNING OUTCOME	List the guidelines for planning meals, discuss why people eat out and the factors to consider when planning to eat out.

FACTORS AFFECTING MEAL PLANNING

Besides the guideline for planning balanced meals, one must also consider the factors below.

1. **Likes and dislikes** – most people enjoy food, however we all choose certain foods more often than others.

Reasons

- ✓ Dislike of the flavor, appearance or texture.
- ✓ Disagreement with the way the food is produced.
- ✓ Dislike the way that food is prepared or cooked.
- ✓ Associating the food with feeling ill, eg because of an allergy or past food poisoning.

2. **Nutritional needs** – the nutritional needs of a person are dependent on the gender, age, size and type of activity he engages in. For example a construction worker who does strenuous physical work needs more food than a clerk who does lighter work.
3. **Availability of food** – Fiji plants its own food to supply the market with vegetables and fruits, however there are vegetables and fruits that are imported to help meet food demands of the people.
4. **Money** – spend within your means. Nutritious food need not be expensive. Use foods which are in season when they are at their cheapest and best in food value.
5. **Occasion** – take into account the occasion for which the meal is required whether it is for:
 - ✓ A special occasion.
 - ✓ Family meal.
 - ✓ Number to be catered for.

6. **Variety** – vary the foods used and the methods of cooking to add variety, texture and colour of the meal.
7. **Presentation** – colour, texture and flavor play an important part in making the meal attractive and appealing. Garnishing also adds nutritive value to the dish.
Foods used for garnishing – cucumber and tomato slices, coriander leaves, sliced chillies, spring onion, fried onion, lettuce etc : makes the meal appealing.

EATING OUT

This is when people eat away from home eg. School canteen, work place canteen, restaurants, fast food outlets etc.

Reasons for eating out

- ✓ Chance to try a variety of dishes and unusual foods which are not usually prepared at home.
- ✓ Families with both parents working are sometimes tired from work or they do not have time to prepare family meals.
- ✓ Some food outlets sell food at a very affordable price.
- ✓ Makes you feel special especially when it is to celebrate a special occasion.

Factors to consider when eating out

Even when you eat out it is important to choose food wisely. Remember it is important to apply **VMB** when eating out.

1. Eat a variety (**V**) of food from the three food group.
2. Eat in moderation (**M**).
3. Balance (**B**) what you eat with your energy needs.
4. Choose food cooked by healthy methods.
5. Eat food in a clean place where both personal and food hygiene is being practiced.
6. Choose a healthy meal within your budget.

LESSON NOTES – WEEK 6

SCHOOL: LABASA SANGAM (SKM) COLLEGE

YEAR: 9

SUBJECT: HOME ECONOMICS

STRAND 2	Food and Nutrition
SUB STRAND	Nutrition – Food Supply
CONTENT LEARNING OUTCOME	Identify the types of food available in the local environment, its sources and the importance of knowing the sources of food eaten.

Traditionally, food was secured through hunting, gathering and agriculture. Today most of the food is supplied by the food industry eg. Processed or convenience food.

TYPES OF FOOD AVAILABLE IN THE LOCAL ENVIRONMENT

Plant Sources – are plant and parts of plant eaten as food (Seeds, grains, leaves, roots, stems and fruits)

Plants – fruits, vegetables and root crops.

Plant Products – breakfast cereals, biscuits and bread.

Animal Sources – animals are used as food either directly or indirectly by the products they produce.

Animals – pigs, cows, chicken, bird's goats, fish and shellfish.

Animal Products – milk, cheese, yoghurt, fat and ghee.

HOME STUDY PACKAGE

LABASA SANGAM (SKM) COLLEGE

HOME ECONOMICS – YEAR 9

WORKSHEET 2

NAME: _____

YEAR: 9_____

DUE DATE: 16/08/2021

WEEK 4

MULTIPLE CHOICE QUESTIONS

Circle the letter of the **most** appropriate answer.

1. A typical teenager's breakfast menu will include fruit, cereal
 - A. Bread, jam and beverage.
 - B. Bread, butter and beverage.
 - C. Bread, protein and beverage.
 - D. Butter, protein and beverage.

2. Which of the following breakfast beverages is suitable for a teenager?
 - A. Tea
 - B. Milo
 - C. Cola
 - D. Coffee

3. The basic meal pattern for an evening meal or dinner is
 - A. Fruit, cereal, bread and protein.
 - B. Beverage, root crop and main protein dish.
 - C. Vegetables, main protein dish and beverage.
 - D. Main protein dish, root crop and vegetables.

4. The first meal of the day is
 - A. Tea.
 - B. Lunch.
 - C. Dinner.
 - D. Breakfast.

5. Which of the food item given below appears first on a breakfast menu?

- A. Fruit
- B. Bread
- C. Cereal
- D. Beverage

6. Which of the following menu is best for teenager's breakfast?

- A. Pawpaw, scrambled egg on toast, milk drink.
- B. Orange juice, bread and butter, tea with milk.
- C. Banana, baked beans on toast and coffee.
- D. Apple, bread with jam, tea with milk.

7. The evening meal of the day is

- A. Tea.
- B. Lunch.
- C. Dinner.
- D. Breakfast.

8. What is the basic meal plan for breakfast?

- A. Cereals, main dish, fruit and beverage.
- B. Fruits, cereal with milk, main dish, bread and beverage.
- C. Root crops, vegetables, fruits and beverage.
- D. Root crops, grains, vegetables and beverage.

SHORT ANSWER QUESTIONS

Write the answers in the space provided.

1. Name three main meals.

- (i) _____
- (ii) _____
- (iii) _____

2. Why is breakfast important?

3. Define snack and name two healthy snacks for children.

Snack

Two healthy snacks

- (i) _____
- (ii) _____

WEEK 5

MULTIPLE CHOICE QUESTIONS

Circle the letter of the **most** appropriate answer.

1. The factor in meal planning that is concerned with colour, texture and flavor is

- A. Money.
- B. Variety.
- C. Occasion.
- D. Presentation.

2. The nutritional needs of a person is dependent on

- A. Age.
- B. Size.
- C. Type of activity the person is engaged in.
- D. All of the above.

SHORT ANSWER QUESTIONS

Write the answers in the space provided.

1. List **four** factors to consider when planning meals.

(i) _____

(ii) _____

(iii) _____

(iv) _____

2. Explain what is Eating out.

3. Eating out is becoming popular in Fiji today. Give **three** reasons for this.

(i) _____

(ii) _____

(iii) _____

4. State the meaning of VMB way of eating.

V - _____

M - _____

B - _____

5. List **three** factors to consider when eating out.

- (i) _____

- (ii) _____

- (iii) _____

6. Garnishing adds nutritive value to a dish.

List **three** foods which can be used for garnishing meals.

- (i) _____
- (ii) _____
- (iii) _____

WEEK 6

MULTIPLE- CHOICE QUESTIONS

Circle the letter of the **most** appropriate answer.

1. Which of the following is the food source for bacon?

- A. Pigs.
- B. Goats.
- C. Wheat.
- D. Cassava.

2. Which of the following food items is an animal product?

- A. Jam.
- B. Roti.
- C. Pasta.
- D. Cheese.

3. Which of the foods listed below come from plants?
- A. Ham.
 - B. Dhal.
 - C. Eggs.
 - D. Cheese.
4. Which of the following plants does rourou come from?
- A. Yam.
 - B. Dalo.
 - C. Kumala.
 - D. Cassava.

SHORT ANSWER QUESTIONS

Write the answers in the space provided.

1. Name two plant sources of food.

(i) _____

(ii) _____

2. Give **one** reason why butter is an animal product?

3. State **one** traditional method of obtaining food.

4. Explain why breakfast cereals and bread are considered as plant products.

5. Discuss how Fiji's food supply have changed throughout the years.

STAY SAFE AND STAY BLESSED

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
WORKSHEET 4

STUDENT NAME: _____ **YEAR: 9** ____

SUBJECT: MATHEMATICS

DUE DATE: 16TH AUGUST 2021

INSTRUCTIONS:

Please follow the following instructions to complete and return the worksheet.

- The questions in this worksheet are from week 4, 5 and 6 lesson notes.
- The answers are to be written in the space provided.
- Upon completion of this worksheet, it needs to be returned to school when parents come to collect the 3rd batch of the study package.

USE WEEK 4 NOTES TO ANSWER THE FOLLOWING QUESTIONS.

Exercise 1

1. An employee of a security firm receives \$3 in an hour. He receives a weekly wages of \$120.00. How many hours does he work? (1 marks)

2. Mr. Toro's starting wages was \$116.00 weekly for a period of 40 hours. (2 marks)
 - (a) Work out Mr. Toro's hourly rate.

 - (b) What would be Mr. Toro's weekly wages for the 40 working hours if he received a pay rise of \$3.25 per hour?

HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
OFFICE TECHNOLOGY
YEAR 9
WORKSHEET 4

NOTE:

FILE OR PASTE YOUR LESSON NOTES AND RETURN THE WORKSHEETS

STUDENT NAME: _____

YEAR: _____

DUE DATE FOR SUBMISSION : 16TH AUGUST 2021

INSTRUCTIONS

1. Read your lesson notes and answer the given worksheets
2. Complete all 3 worksheet on weekly basis and submit it when your parents come to collect next batch of home study package on 16TH AUGUST 2021.

LESSON 1 WEEK 4

1. Explain the term office?

2. Explain the 4 components of an office?

3. List 3 important roles of an office

4. Discuss the function of each role that is formulated to support the primary goals of the business.

[illegible]

5. The secondary role supports the primary concern of the business which is either the manufacture of goods or the
 - a. paying of wages.
 - b. office operations.
 - c. ordering of supplies.
 - d. provision of services.

**HOME STUDY PACKAGE
LABASA SANGAM (SKM) COLLEGE
WORKSHEET 4**

Name of the student: _____

Subject: Social Science

Year: 9

Due Date: 16th August 2021

Section A: The religion of Christianity *(please refer to notes on page 45-46)*

Short Answer Questions

1. Discuss the significance of Easter for Christians all over the world.

.....

.....

.....

2. Explain **any two** religious teachings of Christianity.

.....

.....

.....

3. Explain what Christians believe would happen in the 'Second Coming' of Christ.

.....

.....



Resource Interpretation

Source: <https://www.google.com/url/www.churchofscotland.org.uk>

A. What is the name of the holy book pictured above that is used by Christians?

.....

B. State **any two** things which are outlined in the holy book.

.....

.....

.....