

Technology Stage 4 Remote Learning at Home

Term 3 2021

A. Media and Food Advertising

Aim: To examine the type and number of television food advertisements that persuade or influence consumers to buy a product.

Method:

- 1 Watch television during 'prime time' (usually 6–8 pm). It may be wise to record this period as you could have trouble noting all the advertisements as they are broadcast.
- 2 Select six different food advertisements from the ones which appeared during your viewing time. Use these six advertisements to complete the table below (record each product only once).
- 3 After viewing, complete the questions.

Product advertised	Time	Image portrayed/technique used	Target market
1.			
2.			
3.			
4.			
5.			
6.			

B. Complete the questions on Media and Food Advertising

1. What is your overall impression of the media's influence on the sale of foods?

2. What is your opinion of the body images and lifestyles portrayed in these advertisements?

3. Which advertising technique do you consider to be the most successful?

Food Selection

Australians should eat more fruits and vegetables.

Name a fruit or vegetable that starts with each letter of the alphabet. Find at least 20 names.

A _____

B _____

C _____

D _____

E _____

F _____

G _____

H _____

I _____

J _____

K _____

L _____

M _____

N _____

O _____

P _____

Q _____

R _____

S _____

T _____

U _____

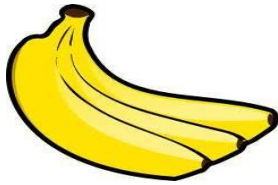
V _____

W _____

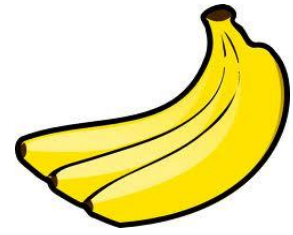
X _____

Y _____

Z _____



BANANAS!!!!!!




Write a short story titled "a day in the life of a banana".	Write a speech on '10 reasons to eat bananas'.	Create a collage on different types and varieties of bananas grown in the world.
List all the nutritional values and benefits of eating bananas (must be at least 5).	Find out how many people in your family love or hate bananas and give a reason for their choices.	Create a collage with images and names of 10 dishes that could be made using bananas.
Find a picture of a banana tree and label as many parts as possible.	Create a comic strip using a banana as the main star.	Write a review of a dish you have cooked using bananas as an ingredient (Must be at least 75 words).
Create a rap about bananas.	Show on a map of Australia where all bananas are grown.	Explain how Australia's bananas are grown and explain the process that takes place to get them to your house.

Responsible and safe use of a range of tools, materials, and techniques: Technology (Mandatory)

In *Technology* you will learn about responsible and safe use of a range of tools, materials, and techniques in design projects.

Activity: Responsible and safe use of a range of tools, materials and techniques

Insert the most appropriate word from the boxes below and insert it into each sentence so the sentence reads as a true statement.

bench centre	blunt tools	brochures	power
chisel	damage	directed	dust mask
earthed	extension lead		
injury	moving parts		
power cable	pressure		
shoes	switches		
canvas	timber		
sharp	racked		
person	particles		
guards			

- Tools in use should be kept in the _____ away from other equipment and, when not in use, should be _____.
- For best results in the workshop, all tools should be _____ and used as _____.
- _____ about new materials or tools should be studied as it will save time, avoid mistakes and help produce quality work.
- _____ or open _____ are not good enough protection against a dropped _____ or heavy piece of _____.
- A _____ should be worn to protect against irritation caused by fine dust _____.
- _____ require greater _____ than sharp ones and so are more likely to cause _____ to the user or _____ to the work.
- The flexible _____ to all portable power tools must be properly _____.
- Switch off the _____ before fitting any _____.
- Fixed power machines must, always, have _____ properly fitted over any _____.
- Only the _____ using any machine should operate the _____.

The safe use of hand tools: Technology (Mandatory)

In *Technology* you will learn about the correct and safe use of tools and materials for specific processes that are used to construct a project.

The safe use of hand tools

Carefully read the following passage about the use of hand tools in the workshop and complete the questions.

- When undertaking a project in the workshop, never use any hand tool unless you have had instruction from your teacher and are familiar with the correct use of a tool. If you have a question about the use of a hand tool, ask your teacher.
- Hands should be kept behind the cutting edge of sharp tools such as chisels and gouges when removing waste material.



This photo shows an unsafe practice.

- Inspect tools before each use and repair or replace if worn or damaged. Keep cutting edges sharp. Never test a cutting edge with your fingers. Test the operation of the tool on a scrap piece of material.
- Hold material securely on the bench with a bench hook, G-cramp or vice when working on it. Use light slow strokes when commencing a saw cut and ease the pressure as the saw breaks through the material being cut.



A bench hook.

- Use light slow strokes when commencing a saw cut and ease the pressure as the saw breaks through the material being cut.
- Ensure that material is never allowed to protrude past the edge of the bench.



Using a bench hook for sawing.

- When carrying sharp tools, point cutting edges away from you. Never put sharp or pointed tools in your pockets.
- Where appropriate, wear personal protective equipment (PPE) such as safety glasses, safety goggles, ear protection and hair restraint.



A safe method to carry sharp tools.

Activity: Hand tool guidelines

Complete the following sentences by inserting appropriate wording:

1. Never use any hand tool unless you are familiar with its use and have had relevant _____.
2. If you have a question about how to use a hand tool, _____ your teacher.
3. Inspect tools before each use and _____ or replace if worn or damaged. Keep cutting edges _____.
4. Never test a cutting _____ with your fingers. Test the operation of the tool on a _____ piece of material.
5. Hold _____ securely on the bench with a bench hook, G-cramp or vice when working on it.
6. Use light slow strokes when commencing a saw _____ and ease the _____ as the saw breaks through the material being cut.
7. Ensure that _____ is never allowed to protrude past the edge of the bench.
8. Keep hands behind the _____ edge of sharp tools such as chisels and gouges when removing waste material.
9. When carrying sharp tools, point cutting _____ away from you. Never put sharp or pointed _____ in your pockets
10. Wear personal protective equipment (PPE) such as safety _____, safety goggles, ear protection and hair restraint where appropriate in the workshop.

The safe use of machines: Technology (Mandatory)

In *Technology* you will learn about the correct and safe use of tools and materials for specific processes that are used to construct a project.

This material addresses aspects of the following syllabus outcome:

LS 3.4 A student demonstrates safe practices in the use of materials, tools, and equipment in the context of producing a design project.

Extract from: Stage 4 Technology Syllabus © Board of Studies NSW 2003.

Activity: The safe use of machines

Use the words from the word bank to complete the following passage:

distance	safety guards	instruction	protection	distracted
cleared	machine	unattended	teacher	switched off

1. Don't operate a _____ unless you have received thorough _____ and fully understand how the machine should be used. When using machinery that is fitted with _____, ensure that they are fitted correctly. When appropriate wear eye and ear _____ and restrain hair.



2. Keep a safe _____ between your hands and any moving parts of the machinery, and only make adjustments to the machinery when the power is _____. Ensure that you operate a machine by yourself, and do not leave a machine _____ while it is running. Give your machine your full attention and do not look away or talk to others while using a machine. Operators of machinery should not be _____.

3. Never lean on machines. If any part of the machine is broken or malfunctions notify your _____ immediately. After using machines, the work area should be _____ of scrap material and machine accessories.

