**Technology Stage 4 Remote Learning at Home**

**Term 3 2021**

1. **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.  |  |  |  |

1. **Complete the questions on Media and Food Advertising**

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

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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?

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**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 |  |  |  |

1. Tools in use should be kept in the \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ away from other equipment and, when not in use, should be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. For best results in the workshop, all tools should be \_\_\_\_\_\_\_\_\_\_\_\_\_ and used as \_\_\_\_\_\_\_\_\_\_.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ about new materials or tools should be studied as it will save time, avoid mistakes and help produce quality work.
4. \_\_\_\_\_\_\_\_\_\_\_\_ or open \_\_\_\_\_\_\_\_\_ are not good enough protection against a dropped \_\_\_\_\_\_\_ or heavy piece of \_\_\_\_\_\_\_\_\_\_\_\_\_.
5. A \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ should be worn to protect against irritation caused by fine dust \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ require greater \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than sharp ones and so are more likely to cause \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the user or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the work.
7. The flexible \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ to all portable power tools must be properly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Switch off the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before fitting any \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.
9. Fixed power machines must, always, have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ properly fitted over any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. 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.
 | A picture containing person, wooden, indoor  Description automatically generatedThis 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 picture containing table, wooden, wood  Description automatically generatedA 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.
 | A picture containing person, indoor  Description automatically generatedUsing 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 picture containing ground, person  Description automatically generatedA 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.
 | A picture containing person  Description automatically generated |
| 1. 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 \_\_\_\_\_\_\_\_\_\_.
 |
| 1. 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.
 | A picture containing ground, power saw, person, tool  Description automatically generated |