**Activity 3 – Technology quiz**

1. What does CAD stand for?

Computer aided design

Computer aided development

Computer and digital.

1. CAD has reduced the time of?

The actual design process to development.

The actual design to the production stage.

The design process to re development.

1. CAD also allows?

Infinite variation on design themes, allowing all possibilities to be tested.

Finite variation on design themes, allowing all possibilities to be tested.

1. A benefit of CAD is that I can?

Identify problems quickly before the production stage.

Identify needs and wants of customers quickly.

1. What does CAM stand for?

Computer aided manufacture.

Computer aided modelling.

Computer aided measurement.

1. How do the supermarkets use CAM?

Automatic ordering systems.

Packaging vegetables.

1. An advantage of using CAM is that?

The same output and quality is produced increasing customer satisfaction.

Various outputs and quantities are produced quickly cutting costs.

1. CAM cuts costs of manufacturer for example a machine does not need training?

True.

False.

1. Computer modelling allows businesses to?

Perfect their products and continually improve efficiency of production.

Perfect their marketing campaigns and better meet customer needs and wants.

1. The use of computer modelling allows developers to answer?

What if questions such as what happens to the life of a product if raw materials were changed.

What If questions such as what happens if the price or demand rises or falls.

1. What determines a robot?

The less automated its behaviour is.

The more automated its behaviour is.

1. Robots can be used to?

Check if bottles are filled to the right level, increasing efficiency.

Checking if the customer is loyal to a brand.

Checking if an employee is motivated.

1. What is used to manage stock in supermarkets for example?

EPOR systems.

EPOS systems.

LORS systems.

1. What is currently the most well established marketing tool?

TV advertising.

Social media advertising.

Newspaper advertising.

1. List the advantages of using technology?

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1. List the advantages of using technology?
* Improved quality – thanks to their high precision and the ability to do the same thing in the same way day after day, robots and CAM processes have the ability to consistently produce top-quality products and accurately perform repetitive tasks;
* Faster innovation – it is much easier, and less expensive, to model and test new products using CAD and computer modelling;
* More effective marketing and sales – marketing new products encourages consumers to dump old products and buy new ones on a regular basis;
* Less dependency on labour – this is important to the business in reducing costs, especially if workers had used their bargaining power to push for higher wages and improved conditions;
* Increased productivity;
* Reduced waste and costs;
* Improved communications.