Unit 204 Worksheet 3

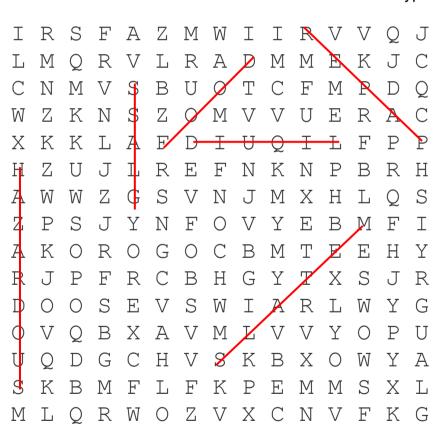
Unit 204: Awareness of sustainability in the hospitality industry

Worksheet 3: Different types of recyclable materials (Tutor)

- 1. State **two** ways in which recycling waste can have a positive impact on a hospitality organisation
 - Lower waste management costs
 - Save space and reduce clutter
 - Improve the businesses environmental credentials
 - Reduce the businesses impact on the environment

Accept any suitable response

2. Find the hidden words associated with Different types of recyclable materials



- paper
- food
- metals
- glass
- liquid
- hazardous

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3. Describe the recycling process for the following recyclable waste materials

Glass

- Empty and rinse glass. Left over foods or liquids can contaminate other recyclables.
- Glass is taken from the bin and taken to a glass treatment plant.
- The glass is sorted by colour and washed to remove any impurities.
- The glass is then crushed and melted, then moulded into new products such as bottles and jars and even used in bricks.

Paper

- Remove any plastic wrapping from attached to the paper and cardboard, this can be recycled separately
- The paper and cardboard is taken to a recycling plant where it is separated into types and grades.
- The separated paper and cardboard is then washed with soapy water to remove inks, plastic film, staples and glue. The mixture is put into a large holder where it is mixed with water to create 'slurry'
- By adding different materials to the slurry, different paper products can be created, such as cardboard, packaging and paper.
- The slurry is spread using large rollers into large sheets and the paper and cardboard is left to dry and then is ready for use.

Metals

- Metals are collected and taken to a treatment plant
- In the treatment plant the metal is sorted in to different types and cleaned ready for reprocessing.
- It then goes through a re-melt process and turns into molten metal, this removes the coatings and inks that may be present on the metals.
- Metals are formed into specific shapes such as bars that can be easily used for the production of various metal products such as cans and tins.

Accept any suitable response