

# **T Level Technical Qualification in Agriculture, Land Management and Production**

## **Employer-Set Project for Floristry Core Pathway (Level 3)**

### **Employer-Set Project Brief (Sample)**

September 2023 Version 2.1

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**The Employer-Set Project will assess content from across both the common core content and the Floristry core pathway content.**

## **The employer**

Marigolds Florist is a small retail florist, established in September 2017. The business employs a small team of staff responsible for the running of the shop and distribution of the products to customers:

<b>Job title</b>	<b>Number of staff</b>	<b>Responsibility</b>	<b>Hours worked per week</b>
Junior florist	2	Assisting the senior florist in the preparation of flower arrangements and packaging products for shipping.	20
Senior florist	1	Leads on the design and creation of flower arrangements.	35
Store manager	1	Day-to-day running of the business.	35
Delivery driver	1	Timely distribution of products to customers.	20

The business focuses primarily on shop sales from walk-in customers, as well as recently expanding into online sales and delivery of their products.

## **The project**

You are one of two junior florists at Marigolds Florist, working closely with the senior florist and store manager.

As a local small business, the store manager at Marigolds Florist is looking for ways to improve their environmental impact and operate more sustainably. The store manager has decided to begin by reviewing how sustainable the business's use of product packaging is. At the moment, the business purchases all packaging from local suppliers. Currently, the business has a budget of up to £5,000 per year for product packaging supplies.

In order to improve the sustainability of the business, the store manager has allocated an increase of 15% budget for the business's packaging needs. They have asked you to come up with a sustainability plan that provides improvements to the business's use of packaging.

You should consider:

- the principles of reduce, reuse, recycle, repurpose and compost
- the types of packaging used
- amounts of waste generated for each type of packaging used.

You have been provided with a range of business documents from Marigolds Florist in relation to their current use of packaging.

You will need to consider how your proposed sustainability plan is environmentally friendly and is also profitable for the business.

### Figure 1: Marigolds Florist – inventory list of floral materials

Marigolds Florist keeps a monthly inventory list of the floral materials they sell and what they are packaged in. In the last month, the business has also started to keep a log of waste for each type of packaging used to track any areas of excess waste.

#### February 2022

Floral material	Detail	Packaging type used (shop sale)	Packaging type used (online sale)
Single/multiple stems (chosen from seasonal florals on counter display or website page)	Flowers and stems fully wrapped	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Clear adhesive tape</li> </ul>	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Clear adhesive tape</li> <li>• Aqua-pack plastic water bag</li> <li>• Plastic cable ties</li> <li>• Cardboard box (large)</li> </ul>
Small mixed bouquet	Flowers and stems fully wrapped	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Clear adhesive tape</li> <li>• Tissue paper</li> <li>• Flower food plastic sachet</li> </ul>	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Clear adhesive tape</li> <li>• Tissue paper</li> <li>• Plastic cable ties</li> <li>• Flower food plastic sachet</li> <li>• Aqua-pack plastic water bag</li> <li>• Cardboard box (large)</li> </ul>

Flat-backed gift bouquet	Flowers rest on brown paper and cellophane; stems wrapped and tied with ribbon on front	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> <li>• Tissue paper</li> <li>• Flower food plastic sachet</li> <li>• Aqua-pack plastic water bag</li> <li>• Clear adhesive tape</li> </ul>	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> <li>• Tissue paper</li> <li>• Flower food plastic sachet</li> <li>• Clear adhesive tape</li> <li>• Plastic cable ties</li> <li>• Aqua-pack plastic water bag</li> <li>• Cardboard box (large)</li> </ul>
Large hand-tied gift bouquet	Flowers and stems fully wrapped	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> <li>• Tissue paper</li> <li>• Flower food plastic sachet</li> <li>• Aqua-pack plastic water bag</li> <li>• Clear adhesive tape</li> </ul>	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> <li>• Tissue paper</li> <li>• Flower food plastic sachet</li> <li>• Clear adhesive tape</li> <li>• Plastic cable ties</li> <li>• Aqua-pack plastic water bag</li> <li>• Cardboard box (large)</li> </ul>
Wrapped wedding design	Flowers and stems fully wrapped	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> </ul>	<ul style="list-style-type: none"> <li>• Cellophane wrapping</li> <li>• Waxed brown paper</li> <li>• Polypropylene ribbon</li> </ul>

		<ul style="list-style-type: none"> <li>• Tissue paper</li> <li>• Clear adhesive tape</li> <li>• Aqua-pack plastic water bag</li> </ul>	<ul style="list-style-type: none"> <li>• Tissue paper</li> <li>• Clear adhesive tape</li> <li>• Aqua-pack plastic water bag</li> <li>• Plastic cable ties</li> <li>• Cardboard box (large)</li> </ul>
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**Figure 2: Marigolds Florist – packaging waste log**

**February 2022**

Packaging product	Packaging quantity	Packaging cost	Waste generated
Cellophane wrapping (40 microns) 80cm × 100m	100m roll	£11 plus VAT per 100m roll	Scrapped cellophane: total 25m approximately of trimmed spare sections, ripped or damaged wrapping or end-of-roll scraps
Brown paper (waxed on one side) 61cm × 100m	100m roll	£16.50 plus VAT per 100m roll	Scrapped brown paper: 15m approximately of trimmed spare sections, ripped or damaged paper or end-of-roll scraps
Large cardboard box 30cm (H) × 21cm (D) × 52cm (L)	100	£0.70p plus VAT per box	Scrapped whole boxes: 25
Tissue paper 75cm × 60cm	500 sheets	£14.50 plus VAT per box of 250 sheets	Scrapped tissue paper: 125 sheets approximately
Polypropylene ribbon 5cm × 100m	100m roll	£1.32 plus VAT per 100m roll	Scrapped ribbon: total 3m approximately

Plastic cable ties	Bag of 100	£0.15p including VAT per cable tie	17 ties
Clear adhesive tape	Pack of 12; 50m roll	£19.50 plus VAT per pack of 12 50m rolls	Scrapped clear adhesive tape: total 50m approximately
Flower food plastic sachet	Box of 350	£0.10p plus VAT per flower food sachet	No waste as opened by customer
Aqua-pack plastic water bag for bouquets	Box of 200	£0.35p plus VAT per water bag	10 bags
Bin liners	Box of 200 liners	£23 plus VAT per box of 200 liners	3 bags



### Figure 3: Waste management process

Marigolds Florist has a process in place for packaging waste management to instruct staff on what to do with waste once they have finished packaging products.

#### **Instructions for staff – packaging waste management**

*Written by:* store manager, Marigolds Florist

*Date:* January 2021

The purpose of this document is to detail what you need to do with waste from packaging.

All of our floral materials must be properly packaged to ensure our products reach our customers in the condition expected. At Marigolds, we use a mixture of packaging depending on the product, to ensure freshness of the botanical material as well as to maintain the presentation of the product, so that, for example, flower stems are intact, petals are not dislodged, or buds don't fall off. When preparing orders, please refer to the inventory list to determine which packaging types must be used. These are sometimes multiple types of packaging to ensure proper protection of the floral materials and end product for our customers. You will be able to find the packaging you need in the right-hand side of the storeroom in boxes and on roll dispensers attached to the wall.

Once you have finished using the required packaging and the floral materials are securely packaged, either ready for delivery or to be displayed in the shop for customers to purchase, you must follow the procedure below:

- Clear the work area and gather all packaging waste\* in the black bin liner.
- Secure the bin liner with tie handles.
- Dispose of the black bin liner in our general waste bin in the storeroom.
- The general waste bin must be emptied regularly and at least once a week into the waste for landfill bin container, situated out of the back door, in the staff car park. This bin is emptied weekly by our registered local business waste management collection service. Collection day is Tuesday.

\*NB – Please ensure that **all** packaging used is disposed of together in the black bin liner. It is your responsibility to clear the work area completely after use.

#### **General waste bin: details**

- Capacity 1100L
- Holds 15–18 bags of waste
- Annual collection fee (once weekly): £1000

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