

Unit 305: Sustainability in professional kitchens

Sample lesson plan 5

Course number: _____ Course title: _____

Tutor's name: _____ Date: _____ Time: _____ Lesson length: 2 hours Room: _____

Lesson topic: Describe how procuring resources can impact on the carbon footprint.

Aims:

- Describe how procuring resources can impact on the carbon footprint.

Learning outcomes:

To enable learners to:

- understand sustainability in the hospitality industry
- understand how sustainable practices are implemented in professional kitchens.

Timing (mins)	Work to be covered	Teaching activity/assessment	Learner activity	Resources
5 minutes	Introduction: Procuring resources: <ul style="list-style-type: none"> • Regional • Imported • Food miles • Frequency of delivery • Stock management 	Tutor-led presentation/discussion.	Learners to listen, observe, take notes and question appropriately. Question and answer session.	
10 minutes	Give examples how sustainable practices can be procured with consideration to regionally produced goods/services.	Tutor-led presentation/discussion using PowerPoint presentation 5 . Give out Handout 5 .	Learners to listen, observe, take notes and question appropriately.	PowerPoint presentation 5 Handout 5
10 minutes	Give examples of how sustainable practices can be procured with consideration to imported goods/services.	Tutor-led presentation/discussion using PowerPoint presentation 5 .	Learners to listen, observe, take notes and question appropriately.	PowerPoint presentation 5 Handout 5
5 minutes	Give examples of how sustainable practices can be procured with consideration to food miles.	Tutor-led presentation/discussion using PowerPoint presentation 5 .	Learners to listen, observe, take notes and question appropriately.	

Timing (mins)	Work to be covered	Teaching activity/assessment	Learner activity	Resources
5 minutes	Give examples how sustainable practices can be procured with consideration to frequency of delivery.	Tutor-led presentation/discussion using PowerPoint presentation 5 .	Learners to listen, observe, take notes and question appropriately.	PowerPoint presentation 5
10 minutes	Give examples how sustainable practices can be procured with consideration to stock management.	Tutor-led presentation/discussion using PowerPoint presentation 5 .	Learners to listen, observe, take notes and question appropriately. Question & Answer	PowerPoint presentation 5
10 minutes	Carbon footprint.	Tutor-led presentation/discussion using PowerPoint presentation 5 .	Learners to listen, observe, take notes and question appropriately.	PowerPoint presentation 5
		Tutor-led activity. Introduce Activity 5 .	Independent learning – complete Activity 5 : Use the food miles calculator to find out how far a range of fruit and vegetables travels to your country from abroad: https://www.foodmiles.com/ Use the carbon footprint calculator to find out how much CO2 is used	Activity 5

Timing (mins)	Work to be covered	Teaching activity/assessment	Learner activity	Resources
			to fly a range of fruit from another country: https://www.carbonfootprint.com/calculator.aspx Extension activity Suggest savings in food miles and CO2 for each of your examples to reduce the impact.	
5 minutes	Recap of session content/ homework brief Revisit aims and objectives Q&A to check learning.	Tutor-led presentation/discussion. Discussion – identify useful resources and websites.	Learners to listen, observe, take notes and question appropriately. Question and answer session.	PowerPoint presentation 5 Handout 5
10 minutes	Revision of lesson content.	<ol style="list-style-type: none"> 1-minute paper: Task the learners to briefly summarise the key points from the presentation. Ask individuals to provide one point each to all the class. Question and answer session: In pairs, learners to ask each 	Learners should think and write their key points down. Learners should communicate their thoughts with the rest of the class, recording their key point on the flip chart/whiteboard.	

Timing (mins)	Work to be covered	Teaching activity/assessment	Learner activity	Resources
		other questions to consolidate their learning. Tutor to monitor and fill in any gaps.	Learner Q&A session to confirm the knowledge required to carry out the performance.	
	Independent learning.	Worksheet 5	Complete the worksheet for the next session.	Worksheet 5
	Look forward to your next lesson/any final questions			

How learning is to be measured:	
<ul style="list-style-type: none"> • Q&A • Activity 5 • Worksheet 5 	
Homework/research work:	
<ul style="list-style-type: none"> • Worksheet 5 	
Lesson evaluation (delete as appropriate)	<ul style="list-style-type: none"> • Was the lesson better than expected • As expected • Worse than expected
Lesson evaluation/comments:	

Suggestions/modifications for next lessons: