



Name of the Activity: **Sustainable Christmas tree engineering**

	Outcomes	Teaching and Learning activities	Assessment
	Having taken this activity, the participants will be able to:	The participants will be taught to achieve this specific outcome through the following learning activities:	The participants will be assessed on their achievement of this specific outcome through the following assessment tasks:
Blended Learning Format - Face-to-face	Define sustainability and identify the environmental impact of traditional and crafted from reusable materials Christmas trees.	Presentation with a classroom discussion introducing sustainability and the environmental impact of traditional and crafted from reusable materials Christmas trees.	Participation in group discussions.
	Tell about recycled materials which can be used for creating a Christmas tree.	Presentation and video about creative ideas for a Christmas tree from recycled materials.	Classroom and group discussion.
	Design and build a model of a sustainable Christmas tree using recycled materials.	Brainstorming, making list with needed materials and watching video about creating a simple Christmas tree.	Group discussion and own Christmas tree from recycled materials.
	Present their designs to the class and explain the sustainability features of their trees.	Encourage students to think creatively and consider the environmental impact of their designs.	Own Christmas tree from recycled materials.
Interactive Learning Tasks, Gamification/ Minding / Online	Define sustainability	H5P-true-false	Assessment via interactive tasks.
	Identify the sustainability pillars	H5P-crosswords	Assessment via interactive tasks.
	Recognize the Christmas tree using recyclable materials arguments	H5P-task – multiple choice	Assessment via interactive tasks.