

Content Overview Table

Overall topic	Activity, lesson, project	Content	Focused SDG	Age Range
The hook	"If the world was an apple"	Watch the video that shows how much of our planet is available to produce all the food in the world. It highlights the need to grow food sustainably and responsibly.	2 -Zero hunger, 12- Responsible consumption and production, 15 -Life on Land	all
1. Tree identification	Do we have any fruit trees planted in our location?	Use a leaf identification sheet to allow pupils to look at different trees in their local area during spring, summer or early autumn.	15-Life on Land	4+
2. Aspects of biodiversity	Do all apples taste the same?	Get to know different apple varieties with accurate observation, description and tasting.	2-Zero hunger, 3 - Good health and well-being	4+
	How can we sort and classify apples?	Produce a branch key for apples with students' yes/no questions.	15-Life on Land	7+
3. Production of apples	Life cycle of an apple tree	Link the statements and photographs and learn about the life cycle of an apple.	15-Life on Land	7+
	Buy local apples	Read the scientific data and compare European apples with imported apples from New Zealand in April in terms of carbon dioxide footprint and the concept of food miles.	12 -Responsible consumption and production	11+
	Comparison of apple production	<ul style="list-style-type: none"> Raise the awareness for different cultivation methods (traditional/modern) and their impact on the surrounding environment with using Flashcards H5P and Column H5P. Design a flyer for consumers and apple farmers to inform them 	12 -Responsible consumption and production	11+

		<p>about the environmental benefits of organic farming or farming apples in the traditional way with meadow apple orchards.</p> <ul style="list-style-type: none"> Act in a role play where you meet a friend who chooses the cheapest apples on sale. While you are scanning the offer, you start a dialogue with your friend about buying apples. 		
4. Apple storage	Browning apples	Do a scientific investigation and find out how to prevent apples from browning when cut into slices. The accordion H5P will help with the instructions.	2-Zero hunger	4+
	Decaying apples	Do a scientific investigation and find out how to prevent apples from decaying.	2-Zero hunger	4+
5. Apples usage	Apple vinegar	<ul style="list-style-type: none"> Make a vinegar with apples and sell it in the market. Students can also learn about the fermentation- Find the instruction in a Padlet timeline here . For learning after the activity students can use an interactive book H5P. 	2-Zero hunger, 3-Good health and well-being	7+
	Apple Yeast	<ul style="list-style-type: none"> Make a dough without buying a yeast in the supermarket and learn about fermentation and scientific investigation. For learning after the activity students can use an interactive video H5P. 	2-Zero hunger, 3 Good health and well-being	11+