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**An Apple a Day Keeps the Climate Okay**

# Content Overview Table

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| **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 | * 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 about the environmental benefits of organic farming or farming apples in the traditional way with meadow apple orchards. * 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. | 12 -Responsible consumption and production | 11+ |
| 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 | * 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](https://padlet.com/katja_sodnik/vinegar) . * For learning after the activity students can use an interactive book H5P. | 2-Zero hunger, 3-Good health and well-being | 7+ |
|  | Apple Yeast | * 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+ |