

Activity title: Urban farming

Personal skills

- Creativity
- Communication
- Collaboration
- Critical thinking

Educational skills

- Entrepreneur
- Economic
- Digital
- Sustainability

Activity summary	Intended learning outcome
<p>With the cities and urban areas' growth, agriculture has mainly remained in the rural areas.</p> <p>This activity intends to introduce and promote urban and peri urban agriculture work as a module that combines theoretical and practical learning with the objective of bringing agriculture back to the cities.</p> <p>The course starts by explaining the principles and uses of peri urban and urban agriculture, continues by developing a peri urban agriculture project and ends with an evaluation of the process.</p>	<p>To raise awareness among those who are responsible for public services and territorial planning of the levers of action, the activity intends to facilitate the development of urban and peri-urban agriculture in the metropolitan area.</p>

Time:	Setup and Materials:	Organizational mode:	Curriculum/level
33 h	<p>Material from Formation agriculture urbaine et péri-urbaine - IRFEDD Institut Régional de Formation à l'Environnement et au Développement Durable CFA MEDD, presentations from Escola Agrària d'Amposta</p>	<p><input type="checkbox"/> Short activity</p> <p><input type="checkbox"/> Long activity</p> <p><input checked="" type="checkbox"/> Course outline</p> <p><input type="checkbox"/> Individual</p> <p><input type="checkbox"/> Pair</p> <p><input type="checkbox"/> Groups</p> <p><input checked="" type="checkbox"/> Class</p>	Initial VET

Personal skills:

Creativity	Communication	Collaboration	Critical thinking
The project development requires innovation and proposal of ideas that need to be interesting for the potential parts	It is essential to establish and maintain the relationship between the parts	Peri-urban agriculture requires the participation of different organisms	The activities and questions from the course will require the students to develop useful answers



Educational skills:

Entrepreneur	Economic	Digital	Sustainability
The project will be led by the student	The final project requires an economic study and preparation of a budget	The students will prepare a presentation for their project using digital programs and will work daily with their computers in class (research of information on the internet, videos, gamification...)	The proposal intends to increase the agriculture in the cities

Activity Plan

Time	Steps
13h	<p>Introduction to urban agriculture</p> <ul style="list-style-type: none"> • A close look to the peri-urban agriculture • Urban agriculture in Catalonia (it could be changed to wherever in Europe) • Introduction to an urban agriculture case study
4h	<p>Functions of urban agriculture</p> <ul style="list-style-type: none"> • Biodiversity and urban ecology • Efficient resource management
13h	<p>Design of a peri-urban agriculture space</p> <ul style="list-style-type: none"> • Case study development - orchard design • Crop calendar
3h	<p>Detection of challenges of peri urban agriculture</p> <ul style="list-style-type: none"> • Analysis and evaluation of the case study • Commercialization

Tips & Tricks

- suggested students' age: 16-18
- suggested activity function: brainstorming about urban farming (icebreaker), gamification to motivate the students, technical visit to an urban or peri urban orchard
- suggested location: cities, towns, metropolitan areas

Sustainability development goals

SDG 11 “Make cities and human settlements inclusive, safe, resilient and sustainable”. Target 11.a “Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning”.

SDG 12 “Ensure sustainable consumption and production patterns”. Target 12.8 “By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature”.

Shortening the food supply chain.

Digital Resources

[Formation micro-learning Enjeux et opportunités de l'agriculture métropolitaine - IRFEDD | Institut Régional de Formation à l'Environnement et au Développement Durable CFA MEDD](#)



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