

Training of

Up-to-date Competences for Teachers in Multifunctional Agriculture

MODULE 4: Collaborative Teacher

Activity Handout 1 / Activity Sheet 1

Unit title	Teachers Collaborating in School Environment
No. of Activity: 2.2	Duration: 30 min
Learning outcomes	<p>Sharing resources, co-planning lessons, providing mutual support. Implement collaborative projects that involve multiple teachers and subjects, enhancing cross-sector learning. Identify, and effectively use resources from local and regional sources to support collaborative educational activities.</p> <p>Using an online learning management system and updating green competencies. Adapt the teaching subject to include multifunctional agriculture. Develop more comprehensive lesson plans. Implement digital tools for classroom use. Differentiate artificial intelligence tools for better management of the lesson and class.</p>
Aim of activity	Develop blended lesson plans to improve collaboration with other teachers and stakeholders (e.g., entrepreneurs or farm employers) to better integrate multifunctional agriculture into various subjects.
Name of activity	Collaborating on Drafts/Ideas for Lesson Plans: Multifunctional Agriculture using ChatGPT
Material Required	Computer, internet access, Miro Collaboration Tool, ChatGPT
Step-by-step instructions of activity	<ol style="list-style-type: none"> 1. Establish a team for curriculum collaboration (teacher, farmer, trainer, etc.) consisting of 4-5 people. 2. Log in to Miro (use Google accounts for all participants). 3. Present the Miro Collaboration Tool (create a blank board, share the link via the “Copy Team Invite Link” option in the top-right corner, and send it to collaborators). 4. On the left-hand side, go to Templates, type “comparison” in the search bar, and choose a suitable template for your work. 5. Open ChatGPT. 6. Log in to ChatGPT. 7. Navigate to Settings and customise the criteria for ChatGPT, ensuring it aligns with your teaching position, school, language, subject, and preferred writing style (e.g., bullet points).

	<ol style="list-style-type: none"> 8. If necessary, upload a file to create a lesson plan aligned with your resources (note: this is limited in the free version). 9. Create a prompt for the lesson plan, including as much detail as possible about the subject, teaching style, and educational requirements. 10. Draft a lesson plan for C-VET Multifunctional Agriculture, specifying the target group, training objectives, goals, blended subjects, duration, standards, and accommodations for diverse student learning styles. 11. Review the plan and request ChatGPT to make corrections. 12. Compare the results using ready-made templates on Miro (e.g., Stickies Pack, Mind Map, Story Map, Concept Map, or Comparison Chart) to facilitate collaboration among teachers, farmers, and trainers. 13. Present and discuss the outcomes.
References/ Sources	Miro , ChatGPT

Activity Handout 2/ Activity Sheet 2

Unit title	Teachers Collaborating in School Environment
No. of Activity: 2.3	Duration: 20-30 min
Learning outcomes	Sharing resources, co-planning lessons, providing mutual support. Implement collaborative projects involving multiple teachers and subjects to enhance interdisciplinary learning. Identify and effectively use resources from local and regional sources to support collaborative educational activities. Use an online learning management system and update green competencies. Adapt teaching subjects to incorporate multifunctional agriculture. Develop comprehensive lesson plans and implement digital tools for classroom use.
Aim of activity	Set up blended lesson plans for improving your work and collaboratively working with other teachers and stakeholders (entrepreneur/farm employer) to better include MA in other subjects
Name of activity	Collaborating on draft/ ideas for Lesson plans: Multifunctional agriculture using MagicSchool AI
Material Required	Computer, internet access, Miro Collaboration Tool, MagicSchool AI
Step-by-step instructions of activity	<ol style="list-style-type: none"> 1. Establish a curriculum collaboration team (teacher, farmer, trainer, etc.) consisting of 4-5 members. 2. Log in to Miro (using Google accounts).

	<ol style="list-style-type: none"> 3. Present the Miro Collaboration Tool (create a blank board, share the link via the “Copy Team Invite Link” option in the top-right corner, and send it to collaborators). 4. On the left-hand side, go to Templates, type “comparison” in the search bar, and select a suitable template. 5. Open MagicSchool AI. 6. Log in to MagicSchool AI using your Google account. 7. Use the “Lesson Plan Tool” (search for it in the search bar). 8. Set the criteria for MagicSchool AI to generate options (e.g., grade level, topic, standards, and objectives). 9. If necessary, upload a file to align the lesson plan with your resources. 10. Draft a lesson plan for C-VET Multifunctional Agriculture based on the specified criteria. 11. Review the plan and ask MagicSchool AI for corrections. 12. Compare the results using Miro’s ready-made templates (e.g., Stickies Pack, Mind Map, Story Map, or Concept Map) to assist the team in evaluating the options. 13. Present and discuss the findings.
References/ Sources	Miro , MagicSchoolAI

Activity Handout 3/ Activity Sheet 3

Unit title	Collaborative teacher
No. of Activity: 4	Duration: 15 min
Learning outcomes	Differentiate artificial intelligence tools for effective lesson and class management. Compare different AI tools to determine their suitability for specific scenarios.
Aim of activity	Compare various AI tools to identify the most suitable one for the task.
Name of activity	Comparison of AI tools
Material Required	Computer, internet access, Miro
Step-by-step instructions of activity	<ol style="list-style-type: none"> 1. Open Miro. 2. Compare the results from Activities 1 and 2 side-by-side. 3. Engage the teams from Activities 1 and 2 in a debate about which tool is better suited for lesson planning. 4. Use Miro to list the pros and cons of both AI tools.
References/ Sources	Miro

