



Lesson Plan

Professions related to plants.

Level, age of the students:	14 – 16
Subject:	Biology
Subjects involved:	IT, chemistry, plant cultivation
Aims:	To introduce those occupations, where necessary knowledge of botany is required, and to help students decide whether to choose these occupations. To help students find work that best suits their interests, knowledge, and skills.
Suggested # of students per group:	15 – 20
Time of the main activity:	15 minutes
Material:	computer, beamer, mobile phone
Competences:	Communication in mother tongue, science competences, digital competences, personal competences, social competences, environmental competences, art competences.
Preparatory actions if any:	Based on their knowledge so far, collect occupations for which, in their opinion, knowledge of biology, primarily botany, is necessary. They must know the possibilities and applicability of their mobile phones and computers. They must know the application used.
Expected results:	Collect as many occupations as possible that require biological knowledge.
Expected difficulties:	Due to a lack of knowledge, students find it difficult to imagine that a specialist dealing with plants might need e.g., knowledge of physics, chemistry, aesthetic sense, etc.
Follow up if any:	During the school year, we pay extra attention to mentioning the careers and occupations associated with each course material.





TIME	PROCEDURE (T: TEACHER; SS: STUDENTS)	METHOD
2'	<p>I. PREPARATORY ACTION</p> <p>Objective: To learn about occupations in which plants play a major role.</p> <ul style="list-style-type: none"> ⇒ T: Name occupations in which workers deal with plants. ⇒ D: Some plant-related activities are listed in the given time frame. ⇒ T: If the students find it difficult to start listing, the teacher gives 1-2 examples. ⇒ D: They continue the list. ⇒ T: If the example given by the student is not correct, the teacher notes it and corrects it later. 	<p>Brainstorming</p> <p>Frontal work</p>
5'	<p>II. Recognition of some occupations requiring botany</p> <p>Objective: Brief description of the tasks of some botany-related occupations</p> <ul style="list-style-type: none"> ⇒ T: Open the link and match the given activities and pictures. ⇒ D: They solve the task (individually or in pairs). ⇒ T: Spin the wheel of fortune twice and describe the task of the person with the given occupation in 1-2 sentences. Would you like to choose the given occupation? ⇒ D: They solve the task (individually or in pairs). 	<p>https://wordwall.net/resource/54057992</p> <p>Individual or pair work</p> <p>https://wordwall.net/resource/54057866</p>





TIME	PROCEDURE (T: TEACHER; SS: STUDENTS)	METHOD
5'	<p>III.: Recognition of some occupations related to plants based on the short description</p> <p>Objective: To learn about other occupations based on the descriptions</p> <ul style="list-style-type: none"> ⇒ T: Solve the crossword puzzle: enter the occupation based on the short description. As a solution, you will receive another occupation. What does she/he do and what competencies are needed for this job? ⇒ D: They solve the crossword puzzle (individually or in pairs). ⇒ T: Check whether your solution is correct. What made you a problem? What occupation did you get as a final solution? ⇒ D: They tell their problems (if any), the final solution, its characteristics. ⇒ T: Who could imagine choosing the occupation given as the solution? ⇒ D: They answer with raising their hands. 	<p>https://learningapps.org/watch?v=pvvgqyvuj23</p> <p>Individual or pair work</p> <p>Frontal work</p>
3'	<p>IV. CLOSING ACTIVITY</p> <p>Objective: Thought-provoking: what education is required for the given occupations?</p> <ul style="list-style-type: none"> ⇒ T: The topic cannot be closed here! Try to get to know as many professions and occupations as possible, also from the point of view of what certificate or diploma is required. This makes your career choice easier. Finally, open the link and look for the mentioned occupations. ⇒ D: They solve the exercise 	<p>https://wordwall.net/resource/54013640</p> <p>Individual or pair work</p>

