



AMBIANCE AQUAPONICS

NATURE AT HOME

TOPICS

Environment awareness
Production
and consumption habits
Entrepreneurship

MATERIALS

- 1 ambiance aquaponic set
- Markers (for each participant)
- Flipchart paper (for each group)

PARTICIPANTS

Age | 10+
Number | 15-25

DURATION

Usually it can take 60 minutes for all steps (group discussions till how ambiance aquaponics works)

OBSERVATIONS

Material is made of glass, metal and cables so it is breakable. Stay away from high temperatures and keep in stable ground.

Additional references:

https://www.agclassroom.org/teacher/matrix/lessonplan.cfm?lpid=633&search_term_lp=aquaponics.aquaponic

<https://www.dustinbaier.com/classroom-aquaponics/>

Recommendations: for use in Training Courses, Study Visits and Open Days at School.

INSTRUCTIONS

Step #1: Explain the main purpose and topics of the workshop: due to the big raise of consumption nowadays, it is necessary to find sustainable solutions for our life in our planet, in search to avoid the high rate in which people are increasingly exhausting our natural resources, which are becoming more and more scarce, not having time to renew themselves. Maximum: 5 minutes.

Step #2: Divide the participants into small groups of 4-5 and distribute the materials for each group (flipchart paper and markers). Maximum: 5 minutes.

Step #3: Each group should discuss their production and consumption habits (and write the conclusions using the flipchart paper and markers). Maximum: 15 minutes.

Step #4: Gather all participants, make a round table and ask each group to share their conclusions. Finally, show them the ambiance aquaponics as one possible solution, and present at least one of the videos below about what it is and how it works. Maximum: 20 minutes.

Step #5: Support and allow the participants to better understand how the ambiance aquaponics works: it is a closed water cycle that uses water with fish waste to serve as material for growing plants, which, in turn, filter water making it great for the development and reproduction of fish. A characteristic of food produced in aquaponics is that it is tastier and healthier (due to their organic production). Maximum: 15 minutes.

Videos to use:

<https://www.youtube.com/watch?v=kQrkejiIv4>

<https://www.youtube.com/watch?v=7ddmnSpTWzw>



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