



# DigitAlAD

**Digital Adult Educators: Preparing  
Adult Educators for a Digital World**  
"DigitAlAD Curriculum for adult  
educators"



## LESSON PLAN INFORMATION

**Lesson/Activity plan: Learning about  
problem solving competence**

**Target/group: Adult educators**

**Topic/ competence: Problem solving  
competence**

**Time: 1 hour 30 minutes**

## INTRODUCTION

- Introduce learners to materials and devices that will be used in a lesson.
- Introduce students to problem solving competence and its characteristics.
- Show & talk about examples of the use of the problem solving competence
- Establish safety criteria with class of workspace (leave your workspace as you find it, lock screen when leaving workplace (on personal computer), if it is public computer then delete your personal data after you use it).
- Split students into groups depending on number of students (maximum five students in a group)

## TEACHER NOTES

- Provide all necessary materials.
- Ensure that students are involved in all activities by showing interest and encouraging them.
- Answer students' questions with enthusiasm and give simple and clear instructions.
- It is recommended to follow the structure or sequence of the lesson - introduction, main part, conclusion.
- Make sure that students have at least two computers per group or at least three smart-phones per group.

## MATERIALS, DEVICES AND TOOLS

Materials, devices or tools needed for this lesson (needed to develop certain competence):

1. Computer with internet connection or smartphone
4. MS PowerPoint presentation
5. YouTube

## LESSON TASK

1. When students are split in groups you give each group the list of different scenarios with technical and non-technical problems (e.g. I forgot my password on Facebook, what should I do? I want to know when the new iPhone will be launched, what should I do? etc.)
2. Introduce students with four problem-solving techniques: defining the problem, generating alternative solutions, evaluating and selecting an alternative, implementing and following up the solution).
3. Ask students to solve problems mentioned in scenarios using four problem solving techniques and ask them to justify their opinion.
4. Ask students to use Movie maker or iMovie and make a short video about favourite technical problem and present it to others.
8. In the conclusion of the lesson ask students what they have learned by reflection (see Reflection section).

## LEARNING OUTCOME

By completing this lesson task, students will achieve learning outcomes and learn skills and develop competences, such as:

- Learn how to solve different technical and non-technical problems using problem solving techniques.
- Learn about how to make a movie on Movie makers or iMovie.
- Learn about Problem solving competence four characteristics.
- Learners will improve their presentation skills.

## REFLECTION

- You can ask students to reflect on what they have learned by discussing it in the groups they have worked.
- What surprised you today, and why?
- What's the most important thing you learned today? Why do you think so?



## TEACHING METHODS

---

- Learning by doing
- Project-based learning
- Active learning strategies
- Blended learning
- Peer learning
- Hands-on learning
- Collaborative learning

- What do you want to learn more about, and why?
- When were you at your best today, and why?
- How can problem solving competence can be applied in practice?

## TESTING / ASSESSMENT

---

Aspects what indicates a successful lesson are:

- Lesson **task is achieved** (if the lesson plan is well structured and you can follow what tasks were achieved and what tasks were not).
- To improve your future lessons, you can make notes on your coursebook or ask your learners about lesson feedback, with the permission of the students you can record your lesson, rewatch it and identify some gaps.
- To assess students' **knowledge**:
- You can assess student knowledge by the quality of information they have found in the Internet or on YouTube and how they can structure this information.
- You can assess video content which is made on Movie maker or iMovie, how learners can use it to create digital content.
- You can assess the presentation, how learners can collaborate in a group and how they can delegate tasks to each other.
- You can use one of the assessment strategies – a reflection of the lesson, where you can find out students' opinion about the lesson and draw conclusions for further action.

