

IO3 – School Program for Primary Education Students

Learning activities Template



Questions/Problems for each topic

Topic	Question/Problem*
Information and media literacy	<i>Can AI help you in your search for information for your science paper?</i>
Communication and collaboration	<i>Do you think Google might be able to order your favorite pizza?</i>
Content creation	<i>Can we “teach” a machine to recognize shapes and images?</i>
Responsible use	<i>What do you think is the dark side of AI?</i>
Problem Solving	<i>Why does the mobile phone unlock with my face?</i>

*These questions can be changed if partners suggest another one

In order for primary school students to see the usefulness of artificial intelligence in situations that may interest them and that may be close to their life experience, partners will start the research (theory) section with a question. Here is a table with a proposal for each topic. Once the question has been defined, partners should think about what information and materials they should provide to students to solve the problem. This content can be taken from the workshops conducted for the IO2 training. In order to make the activity more fun, partners will use tools, games and AI elements provided in IO1 to create more interactive and attractive research tasks. To complete the research, partners should think about how they will assess that users have developed the knowledge necessary to solve the problem. This can be done with a reflection activity, or a quiz, breakout, game...

Learning activities Template

Use this template to design and develop the two Learning Activities.

Question/Problem	<i>Can AI help you in your search for information for your science exercise?</i>
Level (Basic/Advanced)	Advanced (9-11)
Introduction	
<p>Use one of the different Melisa's friends that can help you search for information to answer questions about science topics.</p> <p>In this activity you will learn about the AI tools which help in the searching of info and how can you use them to help you in school.</p> <p>In this case, Melisa's friends will help you to learn about mammalian animals, their characteristics and descriptions.</p>	
Process	
<ol style="list-style-type: none"> Besides Siri, Alexa and Google, are there more assistant voices? If they exist, what are their names? Use the following links to search for the answer and write down what you discover: <ol style="list-style-type: none"> https://bunnystudio.com/blog/voice-assistants-demystifying-voice-technology/ https://voicebot.ai/2019/12/31/the-decade-of-voice-assistant-revolution/ Now, it is time to think about questions to ask Melisa's friends. In order to do that, let's watch this video about animals' habitats: https://www.youtube.com/watch?v=5hFoZq0qgrM Now, imagine you have to prepare your science exam about mammals' habitats, how can Melisa's friends help you? Think of six possible questions that you can ask it to prepare for your exam and write them down. 	

4. Now it is time to ask Melisa's friends the questions you came up with. Ask your teacher to open Siri, Alexa or Ok Google and ask it the question you wrote down. What did they answer you? Write it down!

Final activity

As a final activity, let's have a little reflection within the classroom. Look at this video:

<https://www.youtube.com/watch?v=LF74hCeTO4E> and answer these questions:

- Do you think that the robot can answer all your questions? why?
- Is this robot similar to Siri, Alexa or google?
- Explain some functions that the robot has.
- Do you think that this kind of technology could be useful to you?