

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 a machine [learn to] recognize drawings, images and sounds?</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)	Basic (6-8)
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"> 1. First of all, we should start at the beginning: What is a mammal? So as to answer this question, here we have a video with descriptions of this type of animals. Together, we will analyze and thus discover the most important characteristics of the mammals. Are you ready? Let's go! https://www.youtube.com/watch?v=O6_sRpHkQic 2. Now it is time to test Melisa's friends. Ask your teacher to open Siri, Alexa or Ok Google and ask it the following questions: <ol style="list-style-type: none"> a. Siri, how many people does Spain have? b. Alexa, play a space quiz. c. Ok Google, what is a rainbow? <p>What did they answer to you?</p> 	

3. It's time to ask Melisa's friends about terrestrial, aquatic and aerial animals! Could you think of a question to ask? If not, here are some tips on how to ask a question correctly to these friends. Let's work together!
- Regarding the question what do they eat: what do mammals ?
 - Regarding the question how do they reproduce: How do mammals have ?
 - What do mammals ?

In case you still need help thinking about questions to ask Melisa's friends, here is a video about animal habitats:

https://www.youtube.com/watch?v=O6_sRpHkQic

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 discuss the questions with your classmates:

- What do you like about this robot?
- Do you think that the robot can answer all your questions?
- Is the robot like Siri, Alexa or Google?
- Do you think that this kind of technology could be useful to you?