Generation AI

IO3 – School Program for Primary Education Students

Learning activities Template

Questions/Problems for each topic

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

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	Can AI do harm?
Level (Basic/Advanced)	Basic

Introduction

In this lesson you will find out if AI can harm us.
We will show you an example of how AI can harm us in the following steps:

1. First, we will show you how AI can see you.
2. Second, we will show you how AI can recognize it's you! (And not one of your classmates for example)
3. Third, we will show and explain how AI sometimes makes mistakes
4. How it can heart you that AI is wrong sometimes.

After this lesson, you will know a few more words: **pixels, Machine Learning, and AI bias.**

Process

1. **Find a classmate you can work with.**
2. **Now open the PowerPoint slides**
3. **Go through the slides together, and take turns in reading out loud what you see on the slides.**
4. **You will learn about AI, pixels, Machine Learning, and AI bias.**
5. **Have you finished all the slides? That's amazing! Try to answer the questions in the final activity.**

Final activity

Discuss the following questions with a classmate:
1. Where can we find AI?
2. Does AI see exactly like we, humans, see?
3. How can AI recognize things?
4. What is AI bias?
5. How can an AI bias harm you?