INTRODUCING THE 5 BIG IDEAS IN ARTIFICIAL INTELLIGENCE USING INTERNET OF THINGS IN STEM EDUCATION

PROJECT NUMBER: 2022-1-FR01-KA220-SCH-000085
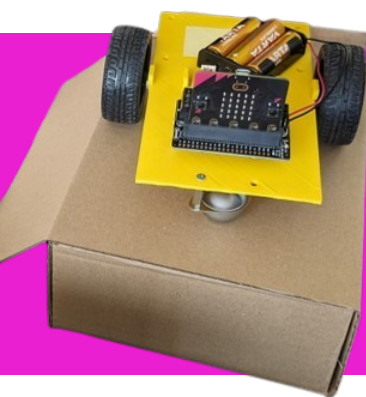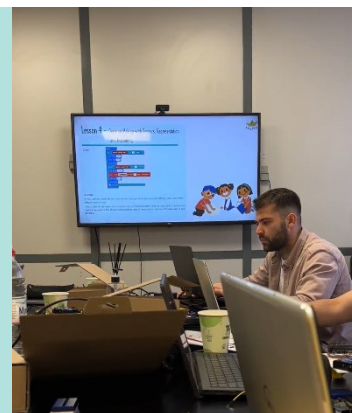
NEWSLETTER 3

LAST UPDATE

Educational Framework:

After the definition on the curriculum and the modules to be approached, the consortium started to create their projects, that aim to introduce artificial intelligence, to both teachers and students, through hands-on lessons, blending the Internet of Things principles, programming, and STEM learning outcomes.

These projects are based on the use of a micro:bit, a programmable device that allows students to get hands-on with coding and digital making.
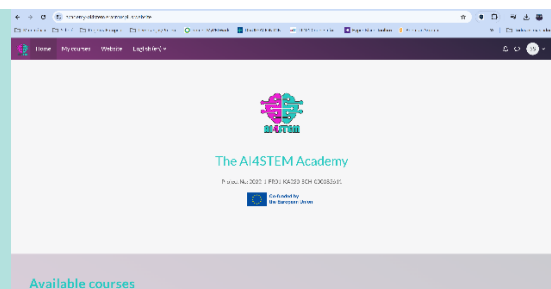
IoT Kit:

Once the projects were ready, it was possible to create the IoT kit so that teachers and students can easily access all the components needed to implement the projects.

The final details are now being finalized so that these kits can be sent to all the consortium partners and tested. These pilot tests will take place at the end of 2024.

Online Academy:

The academy can be found here: Link. In the online Academy, teachers and students can find all the project resources in an interactive and engaging way.

Next steps...

The AI4STEM consortium is now working on the translations of all the resources produced so that teachers and students can find other languages then English when using the online Academy.

In the end of this year we will start the pilot testing of the resources.