

PROPELLING INTO OUR FUTURE

WHAT WE DO

Our goal is to make students the protagonists of their own education. Encourage curiosity and giving them the chance to discover new interests and abilities and shaping their future, plus learning democratic values, as they have to convey their ideas and listen to others.



TECH PROJECTS

TechProjects is a class at a high school in barcelona to 12th Graders where students get to build three different projects with their classmates. Here they learn not only about the required skills but about the engineering process and how to share and present their ideas. With the help of the MIT Edgerton Center, students also get to contact people around the world to get feedback.



This class is taught by mentors, who's goal is to encourage students to think outside the box and guide them when necessary, but without never telling them what to do. Mentors are alumni who took part of hackathons and techprojects in the past.

GOALS

- **Create:** creating stands for students designing, assembling, constructing, investigating and developing original work.
- **Evaluate:** evaluation stands for justifying the decisions made, through critical thinking and democratic debate.
- **Analyse:** analysis has the students drawing connections amongst ideas, making questions, tests, comparison, and to examine and organise their next steps.
- **Apply:** in order to be successful they need to apply knowledge
- **Understand:** Understanding concepts allows them to explain it to others. Thanks to all of these steps, students are more likely to remember and learn.

HACKATHONS

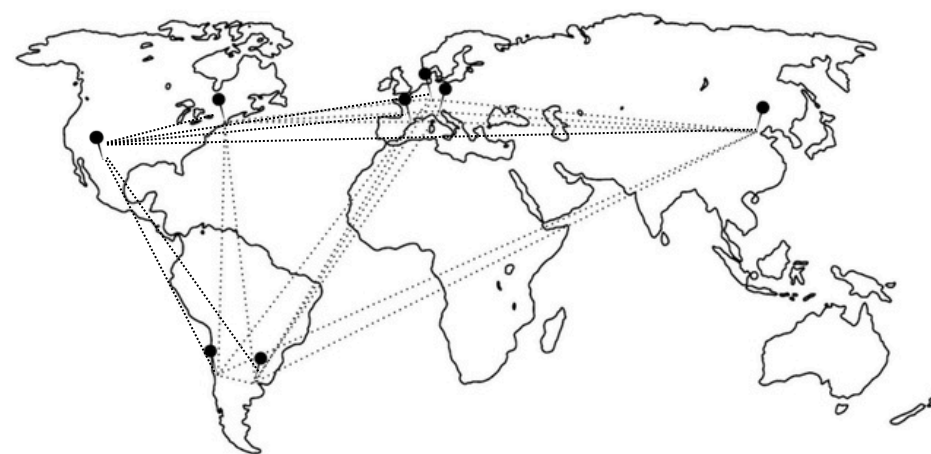
The Hackathon is a annual three-day event where students all across catalonia join together to brainstorm, research, design and build a project they feel passionate about. The idea is to give them a taste of what it is possible when joining together as a team.



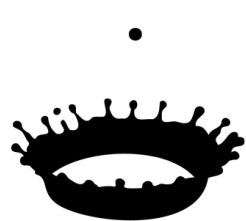
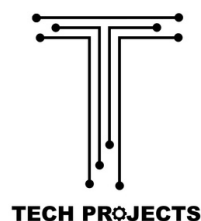
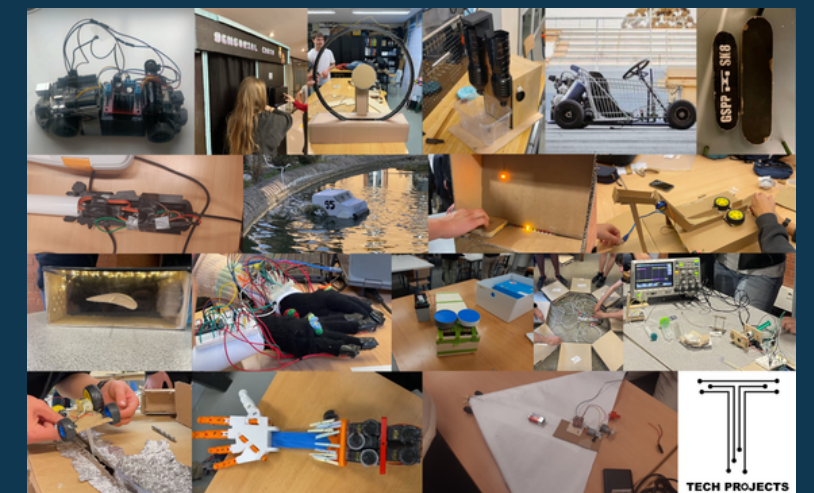
This year we also did a Teachers' Hackathon, where teachers from around catalonia had the opportunity to feel a hackathon. We want teachers to live how students feel and to see by themselves how students learn.



WORLDWIDE CONNECTIONS



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|  Catalonia, Spain |  Boston, United States |
|  Ferrara, Italia |  Chihuahua, Mexico |
|  Kassel, Germany |  Beijing, China |
|  Valparaíso, Chile |  Buenos Aires, Argentina |



MIT Edgerton Center