TECHNOLOGIES IN STEM EDUCATION

projects involving coding, ICT, big data, AI, VR, network security, etc.

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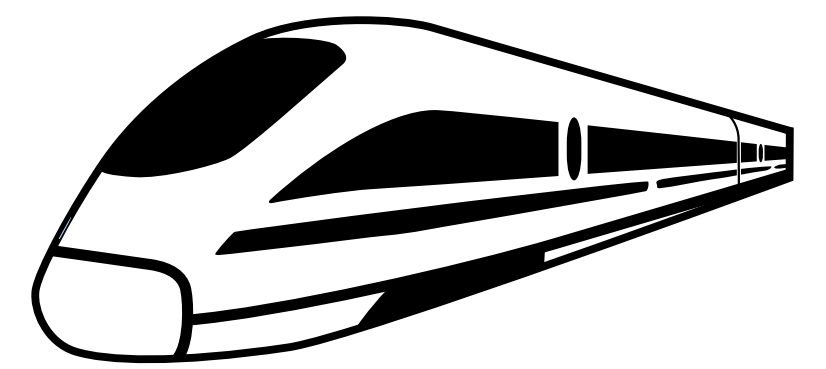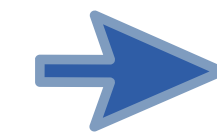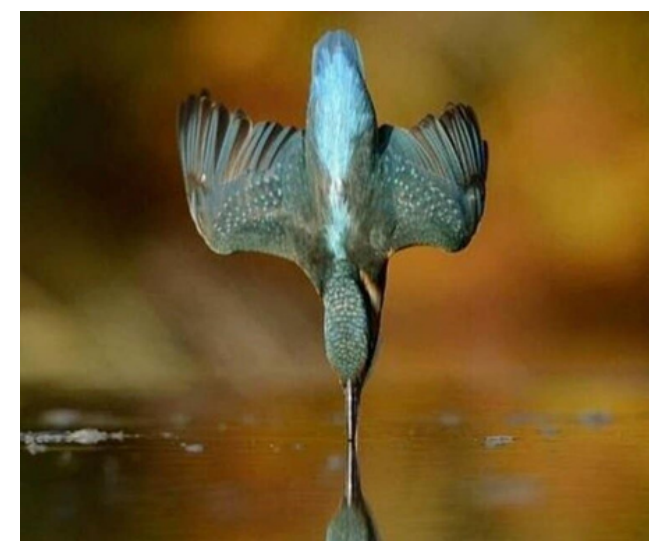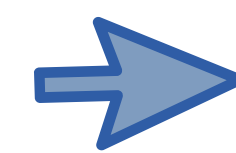
Technologies and patents inspired by living beings

Online STEM project

Have you ever wondered what is the similarity between a bird and a train or a butterfly and a solar panel?
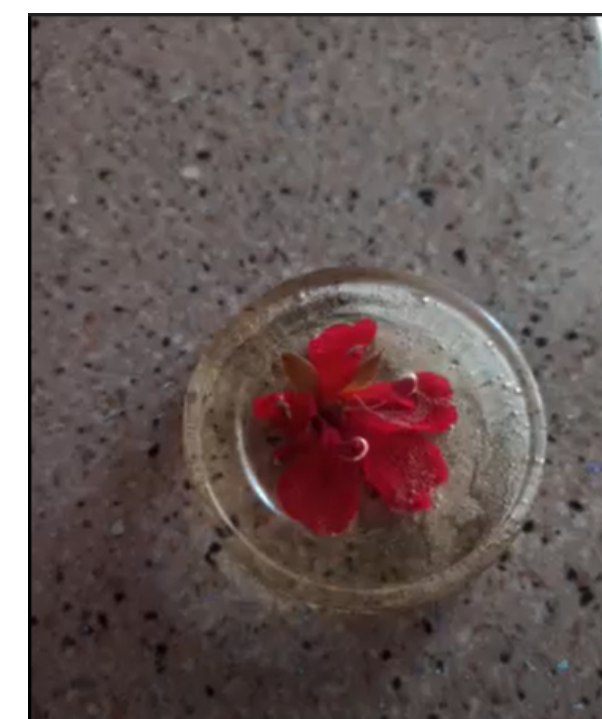
The answer is biomimicry!

It's more than just a mere imitation of nature, it includes the technology and patents inspired by it as well.

After looking into their environment to find technological solutions based on nature, the students have worked in teams to present various cases of biomimicry, with the application of ICT

. In the second part of the project the students have conducted an experiment (the application of bioplastics / biopolymers) aiming to predict the problems that could arise in their project, as well as the advantages and the application of their bioplastic products.

Conclusion: Technology is no longer a motivating factor when it comes to learning – it is a must. It's something that needs to be incorporated in the future of education to ensure students are equipped with the skills to cope in a world dependent on technology.