

The STEMopolis Explorers

(2022-2023)

Kuruculuğunu Kemal KÖKSAL ve Simona GHENEA'nın yaptığı Bu proje, öğrencilerin STEM alanlarındaki gelişimini destekleyerek, eleştirel düşünme, problem çözme, iş birliği ve yaratıcılık gibi 21. yüzyıl becerilerini güçlendirmeyi amaçlamaktadır. Deneyler ve yaratıcı etkinlikler aracılığıyla teknolojik becerileri geliştirmeyi teşvik eden girişim, öğrencilerin dijital araçları etkin kullanmalarına ve özgün çözümler üretmelerine katkı sağlar. Bu sayede, bireysel ve akademik gelişimlerine destek olarak, geleceğin yenilikçi ve üretken bireyleri olmalarına zemin hazırlar. Bu proje ulusal ve uluslar arası ödüller almıştır. Projeye ortak olan ülkeler ve üye sayılarımız : Romanya 2 üye , Portekiz 1 üye , Kuzey Makedonya 1 üye , Türkiye 5 üye

Founded by Kemal KÖKSAL and Simona GHENEA, this project aims to support students' development in STEM fields and strengthen their 21st century skills such as critical thinking, problem solving, collaboration and creativity. The initiative, which encourages students to develop technological skills through experiments and creative activities, helps them use digital tools effectively and produce original solutions. In this way, it supports their individual and academic development and prepares the ground for them to become innovative and productive individuals of the future. This project has received national and international awards. The countries and number of members that are partners in the project: Romania 2 members, Portugal 1 member, North Macedonia 1 member, Turkey 5 members

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Critical thinking and problem-solving: Students need to analyze and classify the shapes they encounter during the shape hunt, fostering critical thinking and problem-solving skills. They develop the ability to identify patterns, compare and contrast conditions, and make connections between geometric properties.

Collaboration and communication: When working in pairs or small groups during the shape hunt, students can collaborate, discuss their findings, and articulate their observations. This promotes communication skills and the ability to express mathematical ideas and reasoning.

Application of geometry vocabulary: Students become familiar with geometry vocabulary as they describe and label the shapes they find. They learn to use precise mathematical language to effectively communicate their ideas and observations.



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Blog

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