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OrganKits a new material for STEAM education based on plastination

Creating a new educational material for STEAM education in Secondary Schools

Consortium



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Context

The main motivation for OrganKits project is to boost innovative education and excellence in Secondary Schools. In OrganKits project, a new educational material will be designed and validated for the promotion of STEAM education in alignment with the Sustainable Development Goals and the European Council Recommendation on Key Competences for Life Long Learning.

OrganKits project will promote STEAM learning using OrganKits and innovative methods in Secondary education.



The overall objective is **to create a new educational material (OrganKits) for STEAM education in Secondary Schools**. OrganKits are linked to a learning method based on collaborative communities of secondary teachers and moreover they will use active methodologies to promote learning in the classroom.

The **Target-groups** of OrganKits project include:

- ❖ Secondary teachers
- ❖ Secondary students
- ❖ Secondary schools
- ❖ Science museums, sports clubs and other stakeholders.

Objectives

1

To design OrganKits according to key educational topics for Secondary Schools (14-16 years).

2

To promote development of Key Competences through the STEAM pedagogical model.

3

To integrate selected targets of the Sustainable Development Goals (SDG) in the OrganKits.

4

To validate OrganKits at international level through implementation (testing and evaluation) in real teaching scenarios.

5

To ensure dissemination of OrganKits at local, regional and national levels.

OrganKits



Cardiohealth & emotions



Sportshealth & dependence



Neurohealth & Mindfulness



Nutrihealth & Wellness



Reprohealth & Gender



Neumohealth & Environment