



Workshop: The magical Gaudi's surfaces

Area: Mathematics Social Studies

Timing: 4 hours (Tuesday 19/04 11:45-13:45 / Wednesday 20/04 9:15-11:15)

Objectives

1. To know the shapes of the Gaudi tiles and his techniques of tessellation plane.
2. To know the main ruled surfaces, their features and those used by Gaudi.
3. Create our own Gaudi inspired tile and build our own ruled surface.

Activities

1. Presentation of a brief history of Gaudi tiles and his evolution.
2. Presentation of the main ruled surfaces, their features and those used by Gaudi.
3. Creation with software and/or material of a Gaudi inspired tile and a ruled surface.

Key Competences

1 Maths Competences:

- To understand geometry shapes and planes
- To understand ruled surfaces and how they work

2 Language Competences:

- To acquire and use correctly maths vocabulary.

3 Esthetics and cultural competences:

- To develop sensibility about esthetics, functionality and ergonomics.
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Assessment Criteria

1. Quality of the creations (design and construction)
2. Originality of the creations.
3. Ability of the cooperative work