

ONLINE EVENT 10 DEC 2020

MAKERSPACES IN SCHOOLS

17:00 - 18:15 **SESSION ON PRACTICE:**
TIPS & TRICKS TO DEVELOP MAKERSPACES

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MAKERSPACES GUIDELINES

- ▶ EUN's Interactive Classroom Working Group
- ▶ Italy, Czech Republic, Switzerland, Belgium, Turkey, Ireland, Luxembourg, Portugal, Austria
- ▶ Case studies: 16 schools
- ▶ Raise awareness for makerspaces and provide orientation to education organisations and institutions



WHAT ARE MAKERSPACES?

- ▶ Physical space
- ▶ Collaborative work
- ▶ Schools
- ▶ Creativity and innovation
- ▶ Tinkering and making





TYPES OF MAKERSPACES





WHY MAKERSPACES?

- ▶ What we learned from the case studies:
 - For **students**: creativity, communication, problem-solving
 - For **teachers**: development, learning, work with professionals
 - For the **class**: collaboration, teamwork, multidisciplinary work
 - For the **school**: innovation, leadership, inclusion





HOW TO SET UP A MAKERSPACE?





PLANNING FOR A MAKERSPACE

- ▶ Elements to consider:
 - Accessibility and inclusion
 - Health and safety
 - Training teachers
 - Funding
 - Sustainability





TEACHING IN MAKERSPACES

- ▶ In the guidelines you will find...
 - List of materials sorted by activity
 - Ideas for lessons
 - Technology you can use
 - Recommendations and practical example, i.e. the case studies



PANEL DISCUSSION: ACTIVE LEARNING DURING THE SCHOOL CLOSURES

- ▶ Madeleine Murray (PDST - Ireland)
- ▶ Sarah Dell'Aera (BEE-Creative - Luxembourg)
- ▶ Fernando Franco (DGE - Portugal)



PANEL DISCUSSION: TIPS & TRICKS WHEN DEVELOPING MAKERSPACES IN SCHOOLS

- ▶ Hermann Morgenbesser (FLL.wien - Austria)
- ▶ Jennifer McGarry (Alexandra College Junior school - Ireland)
- ▶ Marc Teusch (BEE-Creative - Luxembourg)

THANK YOU

