Characteristics for STEAM activities and projects

Road-STEAMer is using these characteristics as criteria for mapping and analysing STEAM practices in Europe

DISCIPLINARY INTER-RELATIONSHIPS COLLABORATION Simple articulations:

Mechanisms for facilitating it are:

Engagement through acceptance Role of technology Game-based learning Importance of communication Connection to particular art forms Connection with creativity

CREATIVITY

A skill that is developed

as a result of engaging in STEAM practices

REAL-WORLD CONNECTION

Linked to:

Problem-solving Authenticity Purpose to the disciplinary connections being made

THINKING-MAKING-DOING

Grounding students an active, constructive and critical role in their learning, and practice of critical making

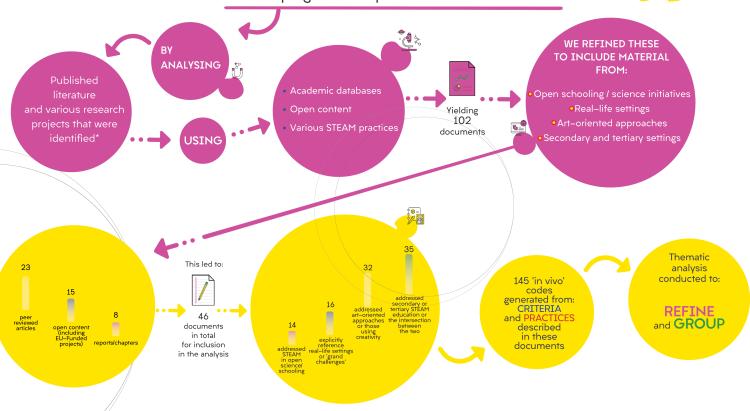
INCLUSION PERSONALISATION **EMPOWERMENT**

STEAM approaches empower young people, promote engagement, equality and equity

More complex articulations:

EQUITY as an underlying value of all **STEAM** practices

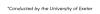
Identifying STEAM practices characteristics



What is the Road-STEAMer project about?































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