

STEAM for Tomorrow

Policy in Higher Education

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Austria and STEAM – Why it matters for Austria

- Labour market & innovation challenges: Europe and Austria faces shortages in STEM professions.
- Societal challenges and individual competences: Digitalisation and AI, sustainability, democracy and social cohesion, economic resilience and competitiveness
- Bridging science and society: Trust, inclusion, ethics, communication.

Austria and STEAM – How to adress in Higher Education Policy

Current Status:

- National focus largely on STEM
- Limited systematic STEAM coordination in Higher Education and Teacher Training
- Need for alignment with European STEAM initiatives

Goals:

- Responsible Research and Innovation: promote a culture of responsible science
- Collaborative Networks: establish a (Austrian) STEAM Plattform
- Curriculum Development and Learning Environments: foster open explorative learning in cross-disciplinary projects
- Quality Teacher Education: Strengthen interdisciplinary teaching competences