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Classroom strategies for inclusive STEAM learning environments

- **Advanced: Synthesis&Evaluation.**
- **Teaching preparation / Teaching / Assessment**

TYPE OF THE ACTIVITY	Booklet
DURATION	Reading the material requires 45 min approximately.
TEACHING AID	Computer, internet connection and the booklet.
SUMMARY	This booklet helps teachers to create gender inclusive learning environments by giving practical guidelines based on recent research. These guidelines are an initial proposal for teacher who could elaborate their own based on the given suggestions and recommendations.
TEACHING PRACTICE (STEP BY STEP)	This material addresses how to: 1. Create a gender-neutral learning environment. 2. Ensure everyone gets hands-on. 3. Design learning experiences to embrace context and problem-solving. 4. Connect learning to careers and role models. 5. Engineer collaborative learning. 6. Provide choice and creative opportunities to demonstrate learning. 7. Encourage a growth mindset. After reading the material, teachers would be capable of composing inclusive STEAM learning environments to engage girls and women to embrace science, technology, engineering, and mathematics (STEM) subjects and careers. By this practice girls and women will be given equal opportunities in these areas, increasing the number of skilled workers needed for the development of technology, science and social applications of technology.
SOURCE	https://www.thegist.edu.au/media/1534/gist_classroom_strategies_booklet_web.pdf