

STEM in TVET. Curriculum Guide. An Initiative of the ILO Women in STEM Workforce Readiness and Development Programme

Type: Document

Content Type:

STEM in TVET. Curriculum Guide. An Initiative of the ILO Women in STEM Workforce Readiness and Development Programme

Language:

Sources:

Topics:

Knowledge Products:

Publication Date: 05 Apr 2021

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[edmsp1_278024.pdf](#)

This curriculum guide is an elaboration of the STEM in TVET Learning Design Framework. It has mapped out STEM competencies to the existing basic, common, and core competencies of the Technical Education and Skills Development Authority (TESDA) in the Philippines. Qualifications from priority sectors such as ICT, Agriculture, Construction, Automotive, Metals and Engineering, Health and Wellness, and Tourism have been revisited for better alignment of the proposed STEM-oriented learning activities. The reference documents of the STEM Competencies presented in this curriculum guide can be a good resource for curriculum planners, writers, and assessors. For each competency, relevant knowledge, specific indicators, and learning activities have been curated. Moreover, templates and detailed plans are provided to showcase how STEM competencies can be further developed with the right questions and activities. However, the sample activities are not in any way prescriptive. Technical writers and trainers are encouraged to contextualize the learning activities in their qualifications to ensure the relevance to their program. Overall, the goal of this STEM in TVET curriculum guide is to reinforce existing STEM competencies in TESDA qualifications through STEM-oriented learning activities and assessments. The development of this guide was supported J.P. Morgan.

Subject Tags:

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