

CHALLENGE

Education leaders struggle to define STEM

Our partners state that describing STEM implementation is a barrier to strategic planning.



STEM IMMERSION GUIDE

PROCESS

Describing design considerations for four types
of STEM school models



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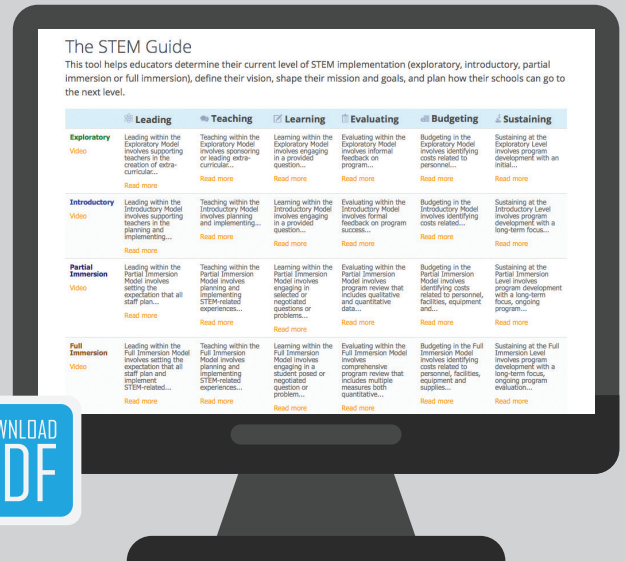


SOLUTION

STEM Immersion Guide

Educators around the country are looking for a resource to establish and implement a vision for 21st century schools and classrooms.

MCESA collaborated with Arizona STEM Network on the research, design, and implementation model for the STEM Immersion Guide in individual schools and throughout school districts. It is written as an over-arching framework to help chart a course for integrating STEM education in individual schools and through school districts.



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The **STEM Immersion Guide** contains key design considerations specific to the categories of leading, teaching, learning, evaluating, budgeting, and sustaining within each of the four different **STEM** school models:

Exploratory

A traditional school experience with STEM-related extracurricular opportunities offered outside the regular school day

Introductory

A traditional school experience with STEM-related opportunities offered in addition to the current curriculum

Partial Immersion

A non-traditional school experience where STEM-related experiences are integrated into the curriculum

Full Immersion

A non-traditional school experience where STEM-related experiences drive and determine the curriculum

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