

STE(A)M Program Must-Haves Checklist

Ready to start your STEAM program?

The 2020 STEAM Buying Guide panelists recommend:



Kim Turner – STEAM Lab / Makerspace Educator

Scaffolding of lessons

Connection to real world

Bloom's Taxonomy of Thinking

- Remember, Understand, Apply, Analyze, Evaluate, Create

Sustainability (quality of product)

How many students can use program at one time

Independent versus teacher-directed

Nikki Servatius – Core Educator

Alignment to standards (Common Core)

Comprehensive in teacher and student materials

Differentiation- challenging at different levels

Robust physical materials that can withstand use

Number of students served with materials

Connection to real-world application



Melanie Schrader – Elective & GATE Educator

Engaging, Problem-Based Curriculum

Program Comprehensiveness

- High levels of program support
- Complete curriculum materials package
- Ready-to-go, organized, simple-to-understand lesson plans

Freedom to Adapt Curriculum to Personal & Student Needs

Real-world applicability

Accessibility for multiple skill levels & talent areas



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