

STEAM LOOK-FOR LIST

There is an intentional connection between the STEM and arts Contents being taught.

Both the STEM and arts content are being equitably discussed, explored and applied to develop solutions to a key question or problem.

The standards for both content areas in the lesson are naturally aligned and make sense to teach together.

The verbs in both standards are asking for the same thing. For example, the Science standard asks the students to “demonstrate” and the Arts standard asks the students to “apply”. Or, the overarching topic for both content areas is the same. ie: Composition.

The lesson is inquiry-based and the two connected areas are both exploring the essential question through problem-solving and process-based learning.

There is an essential question that explores a topic from multiple perspectives. Students are engaged in asking questions, research, creating new solutions, and/or collaborating with others in applying and merging current skills in both aligned content areas. The design process may be used

The arts are being taught with integrity and not in service of the other content area.

The arts content has been selected purposefully and in collaboration with an arts specialist who has previously taught the skill addressed. Students are applying their skills in the arts as a way to enhance meaning and deeply explore the topic.

There is evidence of at least one of these 21st century skills: Collaboration, Creativity, Critical Thinking and/or Communication.

Students are working with others, considering one question multiple ways for both content areas, sharing with their peers in small or whole groups and creating original solutions and compositions.

There is application of skills and processes learned from previous direct instruction of both standards being addressed.

Students are using their current knowledge to create new solutions to existing problems or challenges. Both of the selected standards have been taught previously by the individual content expert.

Both the STEM and the arts standards are assessed equitably.

A variety of assessment solutions are presented for both the STEM and the arts area. These could be diagnostic, formative or summative. Both content areas’ assessments are equitable to each other and directly assess the standards chosen.

BONUS

Exploring potential career pathways and/or real-world applications of the STEAM areas addressed in the lesson.