10 Characteristics of a STREAM School

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1. STREAM schools seek to integrate Catholic identity into every aspect of the curriculum. They manifest this intent through projects based in social justice as well as in-depth experiential instruction in the teachings of the Church.

2. STREAM schools provide a challenging learning environment focused on science, technology, math, arts, and the integration of education in the faith that inspires the joy of discovery and an authentic culture of faith based on the doctrinal precepts of church teaching.

3. STREAM schools promote a culture of innovation as well as a commitment to ethical behavior.

4. STREAM schools seek to increase the participation of groups that are under-represented in the sciences.

5. STREAM schools increase content literacy for all students including those who do not pursue technology related careers or additional studies in the STREAM disciplines.

6. STREAM schools are inclusive. They serve a broad population and operate on the dual premises that math and science competencies can be developed and that all students need access to STREAM competencies to become full participants in 21st Century education.

7. STREAM schools foster an environment that encourages problem solving, group collaboration and independent research by utilizing instructional practices and organizational conditions conducive to student achievement.

8. STREAM schools demonstrate that success is defined in many ways and can occur in many different types of schools and learning environments.

9. STREAM schools utilize strategic planning as a blueprint to guide the school's development and implementation of the STREAM curriculum.

10. STREAM schools are "think forward" institutions and place high priority on educator training, learning, leadership, and 21st Century skill applications

Please visit the NCEA New Directions STREAM Symposium webpage.

Click here for the New Infographic: 10 Characteristics of a STREAM School.