JMG/JAG Advantage- Project Based Learning (PBL)

Why is JMG/JAG adopting the learner centered instructional approach of project-based learning?

- Constructivism and Constructionism
  - Learners build new knowledge from existing knowledge structures through social educational experiences and interactions
  - PBL transforms students by inspiring them to think differently about themselves as learners, collaborators, and leaders
  - Provides a foundation to support students in being active learners in understanding how to apply skills in the workplace, school, and within a community
  - Understanding with a purpose
  - Alignment with school, business, and community

How does project-based learning impact our JMG/JAG students?

- Students' voice and choice gives students ownership of their learning
- Authenticity/Real World Experience gives our students relevance, buy in, and motivation
- High level of engagement
- Understanding success and failure in a safe space
- Looking outside of their classrooms and gaining an understanding of their community
- Equips students with the 21st Century Skills: Collaboration/Communication/Critical Thinking/Problem Solving, and Creativity
- Desired soft skills are routinely practiced via PBL.

What is project-based learning?

- Instructional approach focuses on cross-curriculum integration to teach a variety of topic areas in a way that makes sense and is valuable to students
- Learner Centered Pedagogy the student is the center of every decision we make
  - Strategies vs Practice
- Inquiry based-projects involve active, in-depth process over time, in which students generate questions, find and use resources, ask further questions, and develop their own answers.
- Projects are authentic and connected to students' own concerns, interests, and identities.
- Projects allow for students to make some choices about the products they create, how they work, and how they use their time, guided by the teacher and depending on their age and PBL experience.
- Students research a meaningful challenging problem or question to answer, at the appropriate level of challenge for students which is operationalized by an open-ended, engaging question.
- Projects provide opportunities for students to reflect on what and how they are learning, and on the project's design and implementation.
- Projects include processes for students to give and receive feedback on their work, to revise their ideas and products or conduct further inquiry.

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- Projects are focused on teaching students key knowledge and understanding derived from standards, competencies, and success skills including critical thinking/problem-solving, collaboration, and self-management.
- The project requires students to demonstrate what they learn by creating a product that is presented or offered to the people beyond the classroom.

Who is engaged and impacted by project-based learning?

- All Students
- All Teachers
- All Employers
- Community

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