



September 2019 –
June 2021

Artemobile's newest STEAM exhibition, *Marvelous Machines*, integrates art, mechanical engineering, and physics into an interactive experience for all ages. Through a collaboration with the Mercer Museum, the exhibit presents historical examples of the six simple machines – lever, wheel and axle, pulley, inclined plane, wedge, and screw. Then the exhibit explores their use in elegant kinetic sculpture and whimsical artworks inspired by Rube Goldberg's notion of combining simple machines in a complex fashion to accomplish little or nothing. Students will gain insight into the creative process in both art and science, understand the importance of play, risk-taking, and failure to drive discovery and innovation.



Our **Artemobile Educator** meets every class and engages students in personalized, grade-level guided-inquiry instruction. Age-appropriate **interactive displays** reinforce exhibit themes.



Teacher Manuals developed by recognized curriculum experts provide standards-based lessons for Grades K-8 and Grades 9 -12. Find educational materials, videos and other resources to extend the Artemobile experience into the classroom at www.bucks.edu/artmobile.

Teacher Training at your school will preview the exhibit, outline curriculum connections and make the Artemobile experience accessible for the entire faculty. Artemobile's resources meet Common Core standards, and support teaching and learning across the curriculum.



Workshops offered throughout the two-year tour at the Art Studios at Bucks County Community College will support K-12 STEAM teaching and learning. Teachers will have a unique opportunity to work with exhibit artists while earning Act 48 hours.