

# BRINGING THE BEAUTY OF PHYSICS INTO ART

*by Steve Lewis and Heather Schwartz, Schaeffer Academy*



At Schaeffer Academy, we seek to surround our students with “Truth, Beauty, and Goodness.” The science and art departments have worked together to bring more of these attributes to the walls of the classroom. The junior and senior studio art students were presented with the opportunity to create works of art that would go beyond simple portraits of important physicists. Their task was to represent the physics equations that are taught in the classroom in a way that would catch the interest of other students and stimulate their desire to learn. The artists studied these equations as well as the principles of artistic design in order to create a compelling composition that would

successfully draw the viewer in and unfold a story. The science department reviewed the artwork and chose pieces that demonstrated good design and technical skill while successfully portraying the equations of physics. Since the artists are known in the school, excitement has built because the audience has a personal connection to each artist and is often led to ask questions about the science behind the artwork. This is our first attempt to integrate these two subject areas and the reaction to the compositions has been extremely positive. It has also been very interesting to see how each artist interpreted his subject matter (e.g., what does this equation mean to you?) *Could this project be an option for your school?*

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# Newton's 1<sup>st</sup> Law

View all six murals online at [www.accsedu.org/school-resources/physics-and-art](http://www.accsedu.org/school-resources/physics-and-art).