1077-J5-2043   **Kathi Crow*** (`kcrow@salemstate.edu`). *Art Museum Field Trip.*
While most students are familiar with how math can be applied to fields such as physics and economics, many don't see how it can be connected to the arts. A trip to the local art museum is a great way for the students to bond on an outing and to learn how some basic math can be applied to problems involving art.

My favorite math club activity involves teaching the students how to find the "best" viewpoint for seeing some works of art and then going out to the museum to put the theory into practice. Given a photograph or a painting made with realistic perspective, basic math such as similar triangles can be used to ascertain where to stand so you view it from the same perspective as the artist or camera. The theory can be taught in a quick 15 minute lecture and then we're ready for a day of fun. (Received September 21, 2011)