



# Science Meets Artistry: The Work of Cai Guo-Qiang

Student Name: \_\_\_\_\_

The student:	Excellent	Good	Satisfactory	Needs Improvement	Comments
analyzed, described, and demonstrated how factors of time and place (such as climate, resources, and technology) influence visual characteristics that give meaning and value to a work of art.					
described and placed contemporary artworks by Cai Guo-Qiang in historical and cultural contexts.					
applied organizational principles (i.e., repetition, balance, contrast, etc.) in original works.					
analyzed Cai Guo-Qiang's "explosion event" in relation to existing art genres.					
used an online interactive activity, communicate original ideas through the creation of a composition for their own "explosion event."					
contributed to class discussions based on individual reading of online resources.					
wrote artistic statements based on analysis of their own work.					
discussed how scientific ideas have been developed to solve human problems through technology across diverse cultures.					
compared the use of creativity and imagination in artistic pursuits to the use of creativity and imagination in the field of science.					
discussed how technology has influenced artistic methods, genres, or processes.					
conducted a flame test experiment to understand that certain chemical elements and compounds have characteristic colors.					
demonstrated an understanding of the concept of energy transfer.					