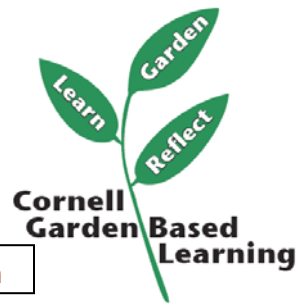




Cornell University
Department of
Horticulture

www.bloas.cornell.edu/aarden



Cornell Garden Based Learning Living Sculpture Project – NYS Learning Standards

Health, Physical Education, and Home Economics

Standard 3 -- Resources Management -- Family and Consumer Sciences. Students understand and manage personal and community resources. Evident, for example, when students participate in community service. Also evident as students identify where donation for materials could come from and who in the community (including parents and family members) has key skills and talents to assist in the project.

Mathematics, Science, and Technology

Standard 1 -- Analysis, Inquiry, and Design. Students use mathematical analysis, scientific inquiry, and engineering design to pose questions and develop solutions.

Standard 4 -- Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in science. This is evident as students learn new skills such as grafting, pruning, laying sod, and knowing about a plant's size, texture, and needs for light and watering.

Standard 7 -- Interdisciplinary Problem Solving. Students will apply the knowledge and thinking skills of mathematics, science and technology to address real life problems and make informed decisions. Students will observe phenomena and evaluate them scientifically and mathematically by conducting a fair test of the effect of variables and using mathematical knowledge and technological tools to collect, analyze, and present data and conclusions.

The Arts

Standard 1 -- Creating, Performing and Participating in the Arts. Students will actively engage and participate in processes that constitute creation and performance in the arts (including visual arts).

Standard 2 -- Knowing and Using Art Materials and Resources. Students will be

knowledgeable about and makes use of the materials and resources available for participating in the arts in various roles. Students know about some cultural institutions (museums and galleries) and community opportunities (art festivals) for looking at original art and talking to visiting artists to increase their understanding of art.

Standard 4 -- Understanding the Cultural Dimensions and Contributions of the Arts. Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society. Students will look at and discuss a variety of art works from world cultures and diverse cultures of the United States to discover some important ideas. Students learn about the world history of living sculpture from early Roman topiary through the current "rage" for public and private sod furniture.

Questions, comments?

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