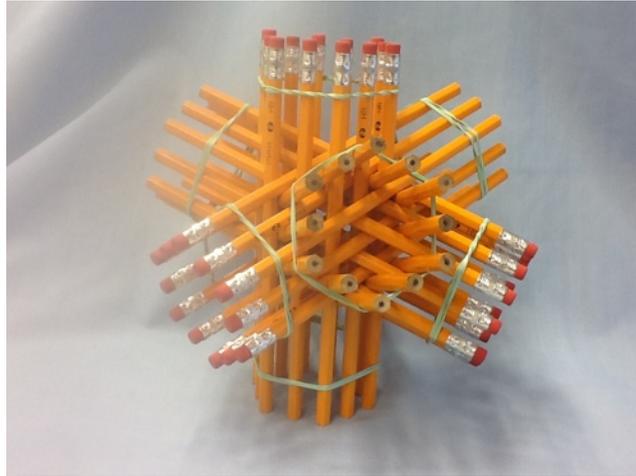


Pencils And Math

2015

A collaborative math and art exploration of sculpture

Lowell School, Wash DC



“Beauty is the first test. There is no permanent place in the world for ugly mathematics.”

G.H. Hardy
Mathematician

Sharing a curiosity with our math teacher about geometry, I embarked on a collaborative journey through math with 7th graders to explore sculpture in a unique way. Additional inspiration came from the art of Ai Weiwei and his use of everyday materials to create art. Pencils were transformed from being tools for writing to becoming structural elements of sculptures. Math played an important role in understanding ways to develop form as a reflection of mathematical relationships. Our math teacher was a valued resource. As is often the case with art, individuals often found their own solutions to the math problems as well as opportunities for creative personal expression with common materials.