Grid Art Teacher's Guide

OVERVIEW

Grid art is a fun way to build spatial and mathematical skills.

Students fill in designated squares on a grid to reveal a design or picture. Once they are comfortable with the grid and coordinate system, they can enjoy creating their own designs.

Grid art is great for early finishers!

STANDARDS

The designs here were created with grades K-3 in mind but can be enjoyed by all ages.

Grid art addresses the directive from the National Council of Teachers of Mathematics that students should:

Specify locations and describe spatial relationships using coordinate geometry and other representational systems

see: https://www.nctm.org/Standards-and-Positions/Principles-and-Standards/Geometry/

FILES

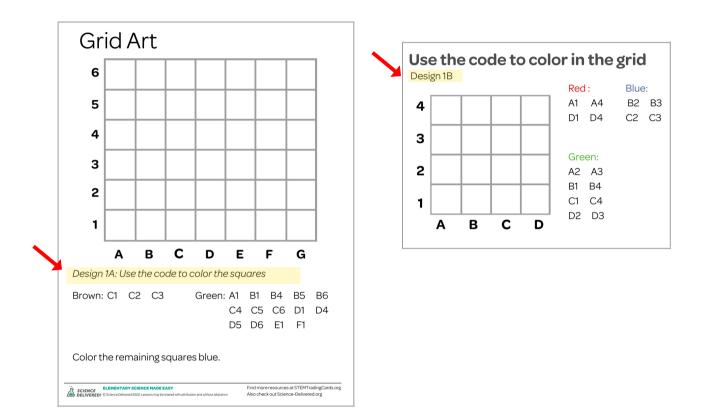
- Teacher's Guide this document
- Grid Art 6x7 teacher's key Contains the images of the 6x7 designs and the make-your-own template
- Grid Art 6x7 student pages 6-page file with the blank grids + codes
- Grid Art 4x4 teacher's key Contains the images of the 4x4 designs and the make-your-own template
- Grid Art 4x4 student pages 3-page file with the blank grids + codes



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FILES (CONT)

Each design is labeled with a number and a letter as shown below.



TIPS FOR STUDENTS

- Students can color or circle the coordinates with the corresponding colors to help them keep track of which coordinates go with which colors.
- Encourage students to cross out the coordinate once they've colored in the corresponding square.