

# 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.

**Grid Art**

6							
5							
4							
3							
2							
1							
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>

**Design 1A:** Use the code to color the squares

Brown: C1 C2 C3      Green: A1 B1 B4 B5 B6  
 C4 C5 C6 D1 D4  
 D5 D6 E1 F1

Color the remaining squares blue.

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**Use the code to color in the grid**

**Design 1B**

4				
3				
2				
1				
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>

**Red:** A1 A4 B2 B3  
 D1 D4 C2 C3

**Blue:**

**Green:** A2 A3  
 B1 B4  
 C1 C4  
 D2 D3

## 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.