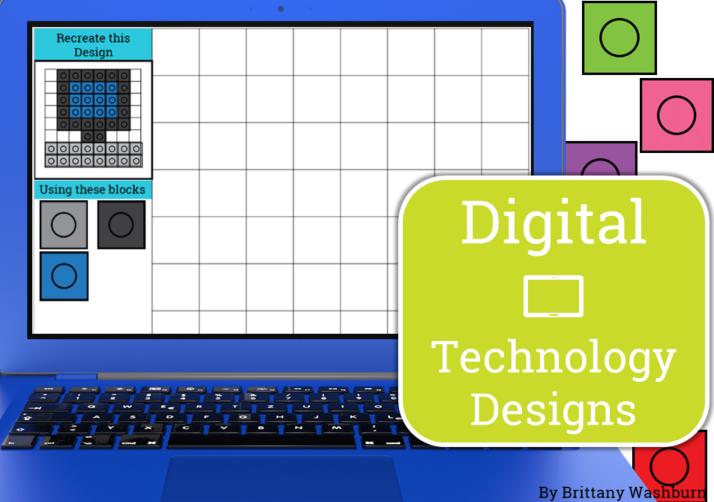
PIXEL ART with counting cubes



Skills addressed:

- Navigating to file
- Patterns
- Design Thinking
- Mouse Practice
- Keyboard Shortcuts

PIXEL ART with counting cubes

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PIXEL ART with counting cubes

THE RATIONALE

This resource works on so many great technology skills. While students may be familiar with using snap cubes (or counting blocks or whatever you call them) to make designs, it brings the skill to a whole new level to do it digitally.

There are 4 levels for each design.

- Level I is the easiest and only includes the colors of that specific design. There are multiple of each color snap cube layered over each other so students shouldn't have to copy/duplicate the cubes to make the full design. There is also a grid over the design to help students place the blocks.
- Level 2 is the same as level I except no grid and less layers of the snap cubes.
- Level 3 brings in extra colors and students will have to copy/duplicate the blocks as only a few are layered.
- Level 4 has only one of each color snap cube

Choose the level of challenge you want for your students.

Begin Here:

Thank you for downloading this interactive digital file. 1 To get started, follow these instructions:

On the following page, there are links to google slides files.

² Make sure you have Internet access and a Google account (free).

³ Open the file on your own Google Drive. The link will prompt you to make a copy to get started. This is necessary as to not make changes to the original file. If you're using OneDrive, see pages 8-10

4 Printer access to print out the finished product (optional).

Begin Here:

Level 1
Level 2
Level 3
Level 3
Level 4

Each of these is a Copy link, which means you'll be prompted to make a copy.

If you need the file in PowerPoint, make your copy and then click file> download as> MS PPT

Prep and use with students:

1 Make your copy of the file and rename it (so you can keep track of your original). I stay organized by adding the term "original" to the end of the file name. Renaming it means you will be less likely to share the original accidentally, which you don't want students to alter.

2 If there are any slides you want to remove, simply create multiple copies and then delete any slides you don't want. I do this when I just want students to work on one part of the lesson at a time.

3 Share the link of **your** copy with your students, which will prompt them to make a copy of that file into their drive.

4 Each student can now access the file, add their own content by filling in the text boxes or inserting their own slides or images, and move any movable pieces around in the file.

• Once all of the students have completed the activity, they can present their work, save it locally, and add it to their portfolio. If you have segmented the activity into multiple files, have them copy and paste the slides all into one document in the order you specify.

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If you have any questions, please feel free to email me any time!

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