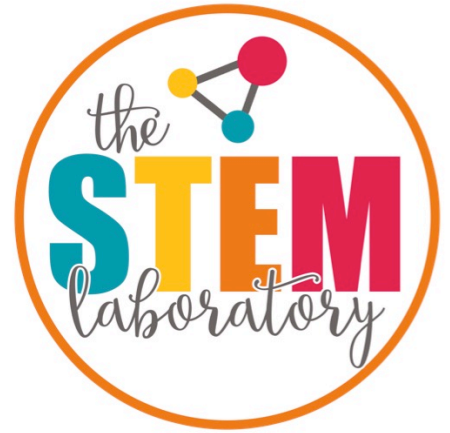


Playdough to PLATO



Thank you for your download! I hope that Playdough to Plato and The STEM Laboratory are helpful sources of fun, creative learning activities for your classroom or homeschool.

Be sure to follow along with our newest learning activities!

FACEBOOK- [Facebook.com/PlaydoughToPlato](https://www.facebook.com/PlaydoughToPlato) and [The STEM Laboratory](https://www.facebook.com/TheSTEMLaboratory)

PINTEREST- [Pinterest.com/Playdough2Plato](https://www.pinterest.com/Playdough2Plato)

INSTAGRAM- [Instagram.com/Playdough2Plato](https://www.instagram.com/Playdough2Plato)

Appreciatively,

Malia

playdoughtoplato@gmail.com or theSTEMlaboratory@gmail.com

TERMS OF USE

You are welcome to use this printable for personal or classroom use.

If you would like to share these printables with friends, please invite them to download their own copy from the URL where you found it. I depend on website visitors to provide free printables.

You may not sell or in any way profit from this electronic file.

You may not store or distribute this file in any other website or another location where people may download it (ex. Dropbox, Facebook groups, 4Shared).

GRAPHICS CREDIT

Our clip art was created by Pretty Grafik Designs - <https://www.etsy.com/shop/Prettygrafikdesign>

Teaching in the Tongass - <https://www.teacherspayteachers.com/Store/Teaching-In-The-Tongass>

Whimsy Clips - <https://www.teacherspayteachers.com/Store/Whimsy-Clips>

Little Red - <https://www.teacherspayteachers.com/Store/Littlered>

Sculpt Designs- <https://www.teacherspayteachers.com/Store/Sculpt-Designs>

Pixel Paper Prints - <https://www.etsy.com/shop/pixelpaperprints>

geoboard challenges

SKILL-

Build problem solving and design skills.

Explore the characteristics of 2D shapes.

Work on counting, beginning perimeter, angles, comparing and scaling.

PREP-

Grab a geoboard, a ruler (to draw straight lines on their record sheet) and a basket of rubber bands for each student.

For older children who are ready for a challenge, print one record sheet for each child.

ACTIVITY ONE-

Students grab one card at a time and recreate it on their boards with rubber bands.

For students who are ready for a challenge, have them draw a picture of each design on their record sheet using their ruler to make straight lines.

CHALLENGE ACTIVITY-

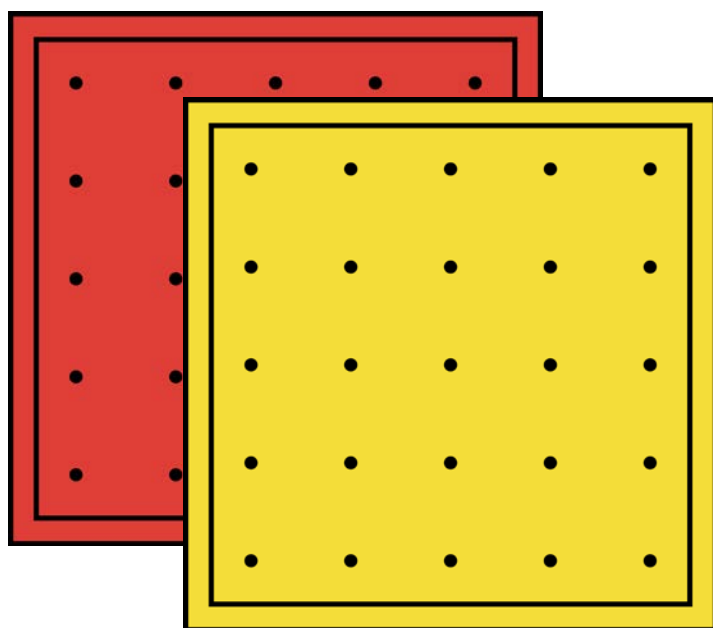
After talking as a class about several students geoboard designs, place children in groups of two. Without showing her design, have Student 1 choose one of her designs and describe it to Student 2 by counting pegs and using positional words like "on top", "to the right", "underneath", etc.

For instance, Student 1 might say, "Hook your first rubber band around the top left peg. Now count 4 pegs to the right. Hook the same rubber band around that peg..."

When Student 2 builds a matching picture, have the children swap roles and play again.

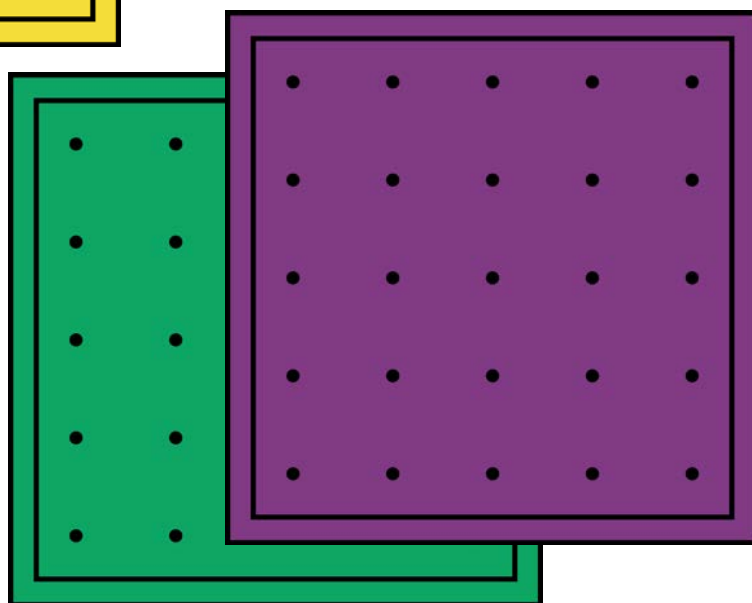
love these?

grab 30 more cards



*in our shop
here-->*

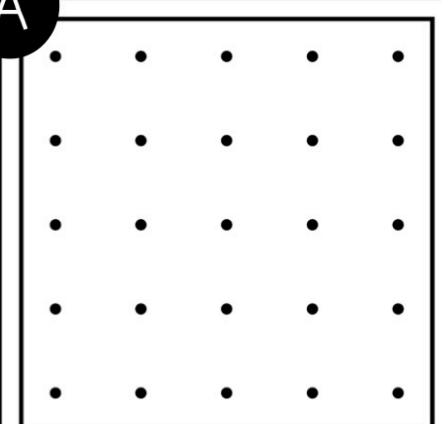
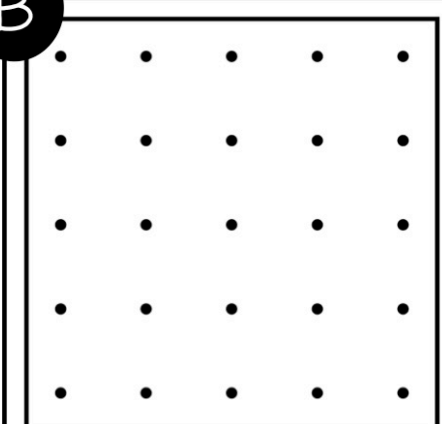
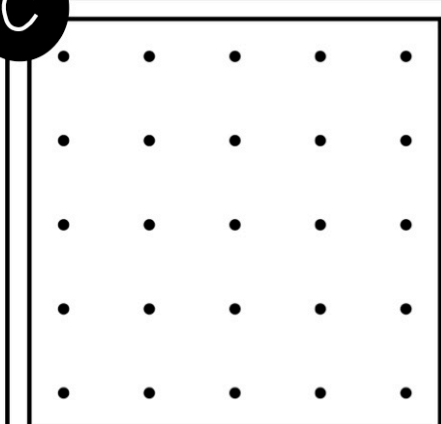
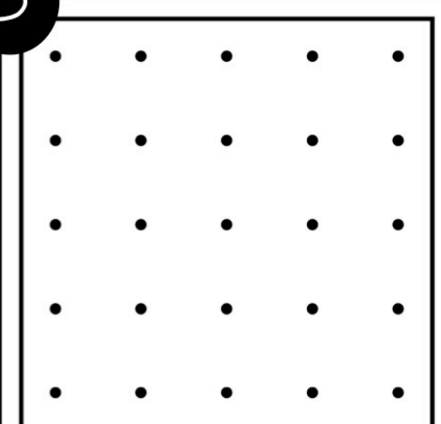
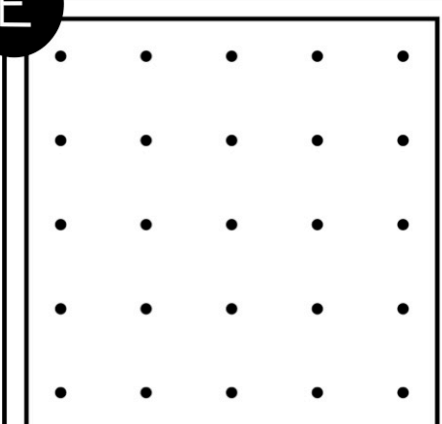
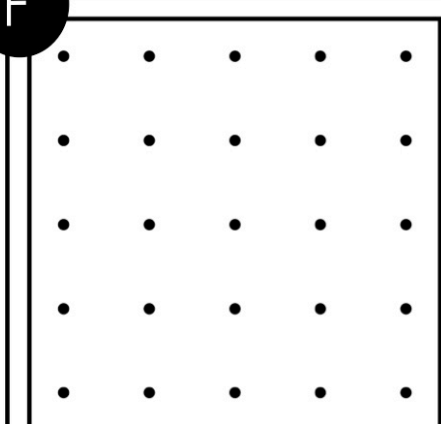
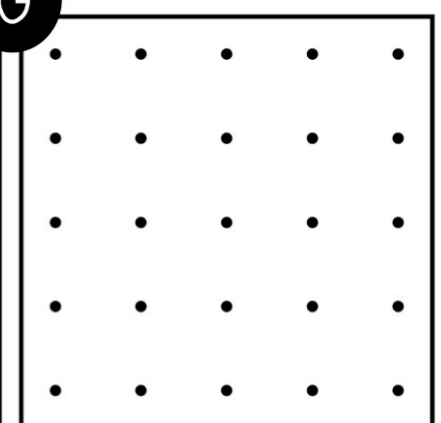
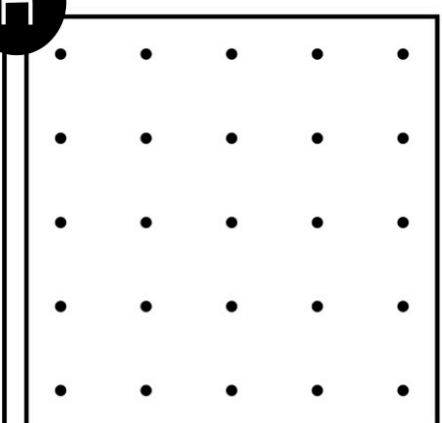
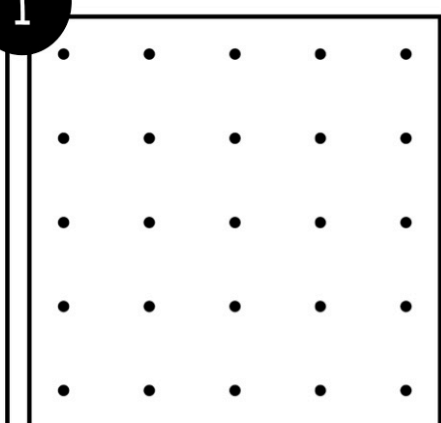
*on Teachers
Pay Teachers
here-->*



Name _____

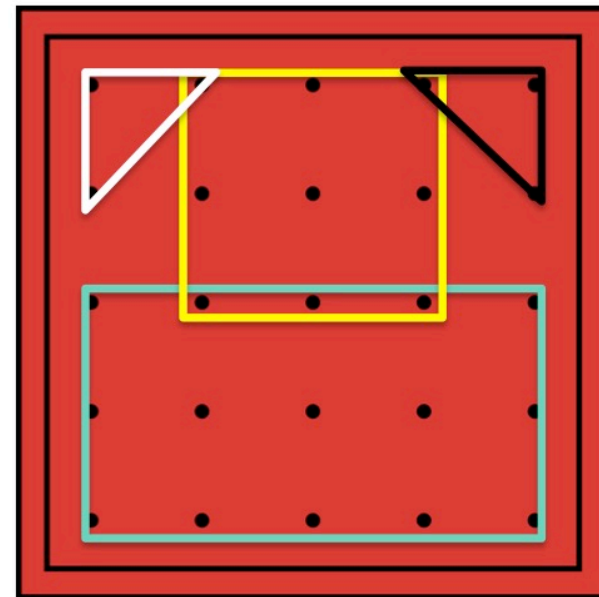
Geoboard Challenges

Create each picture with your rubber bands. Then draw them below. Continue building and drawing until all of the challenges are complete.

A 	B 	C 
D 	E 	F 
G 	H 	I 

Geoboard Challenges

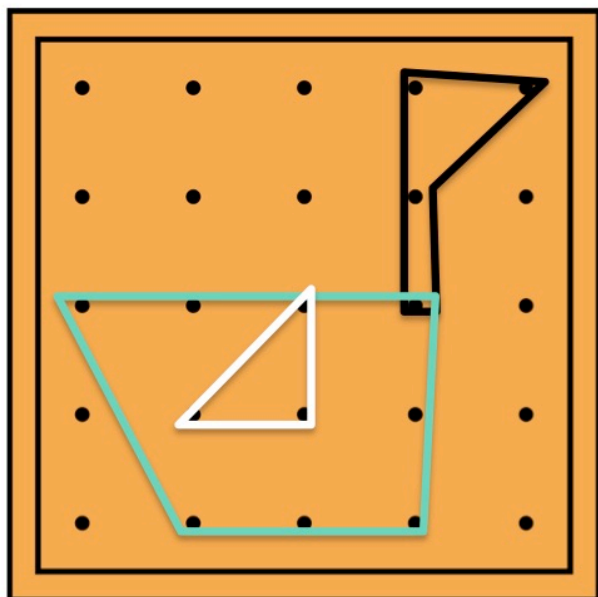
A



© Playdough to Plato.

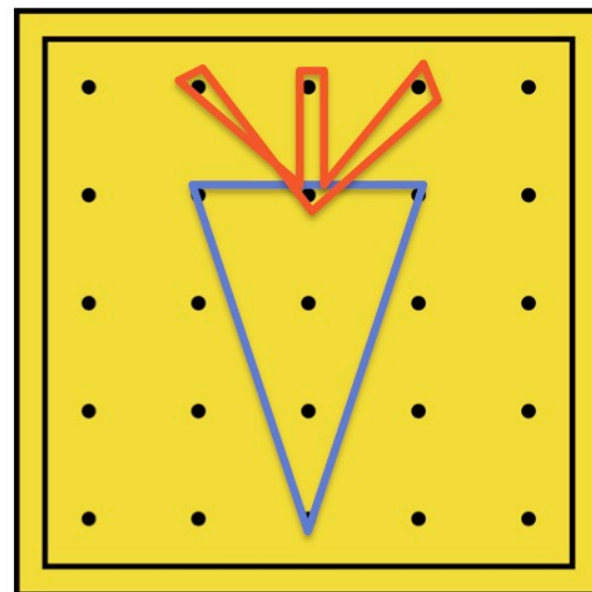
Dog

B



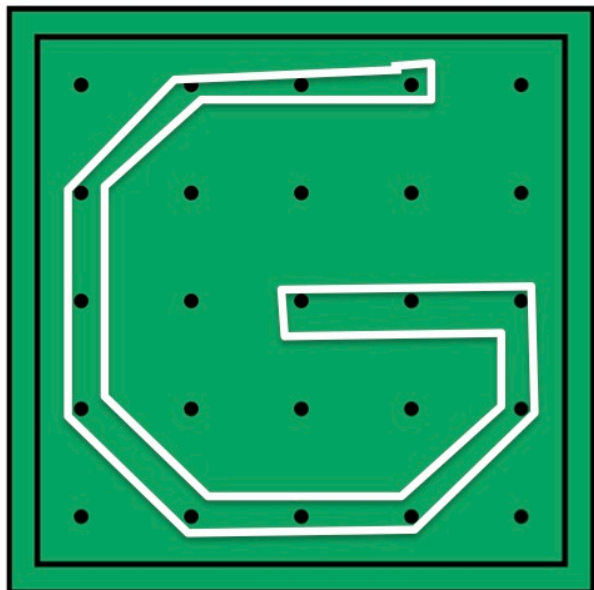
Duck

C



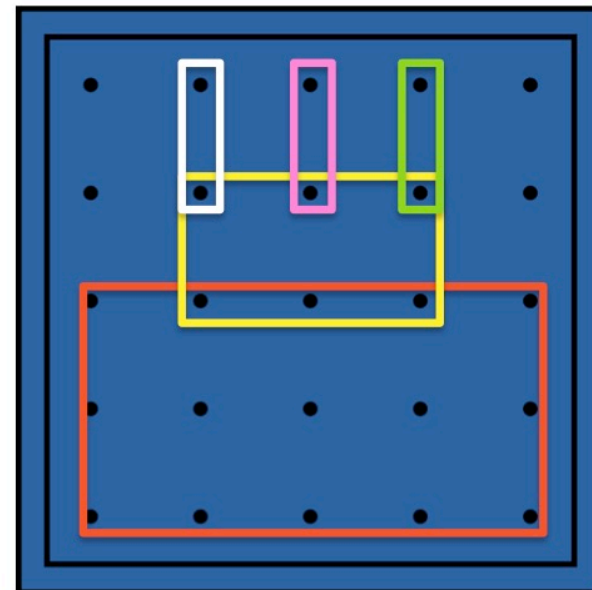
Carrot

D



Letter G

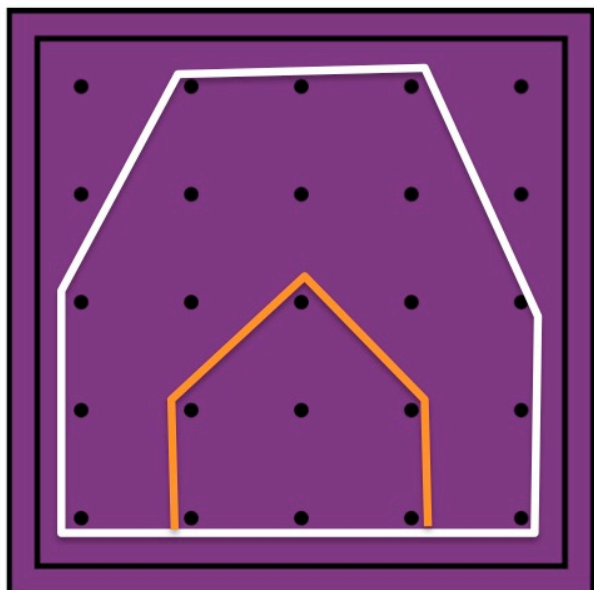
E



© Playdough to Plato.

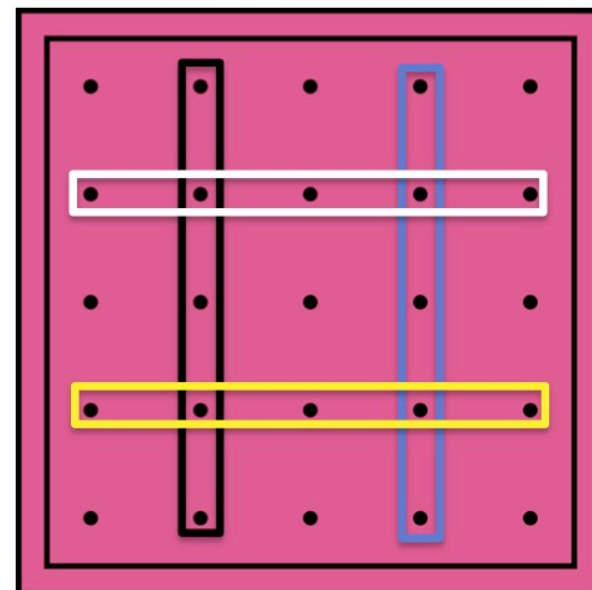
Birthday Cake and Candles

F



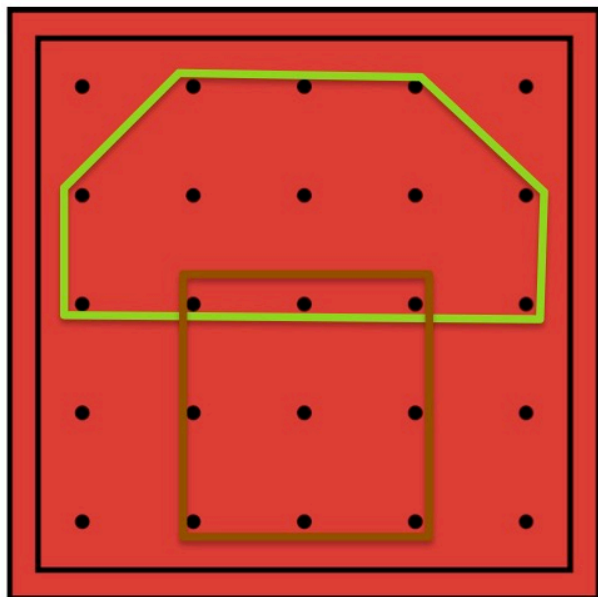
Barn

G



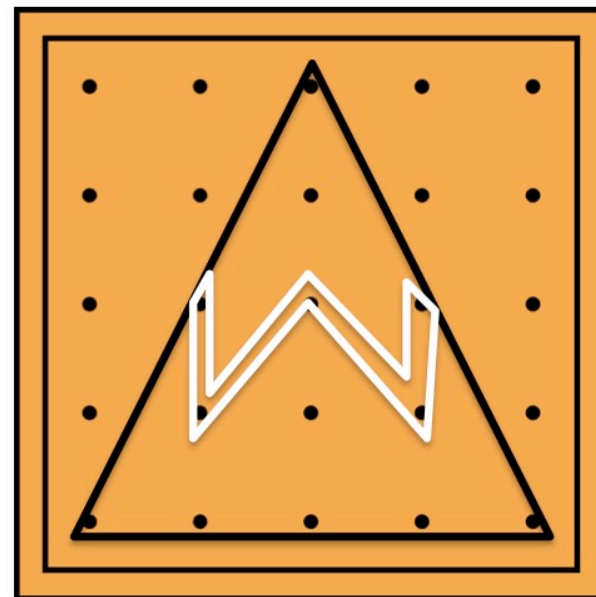
Tic Tac Toe Board

H



Tree

I



Snow Topped Mountain