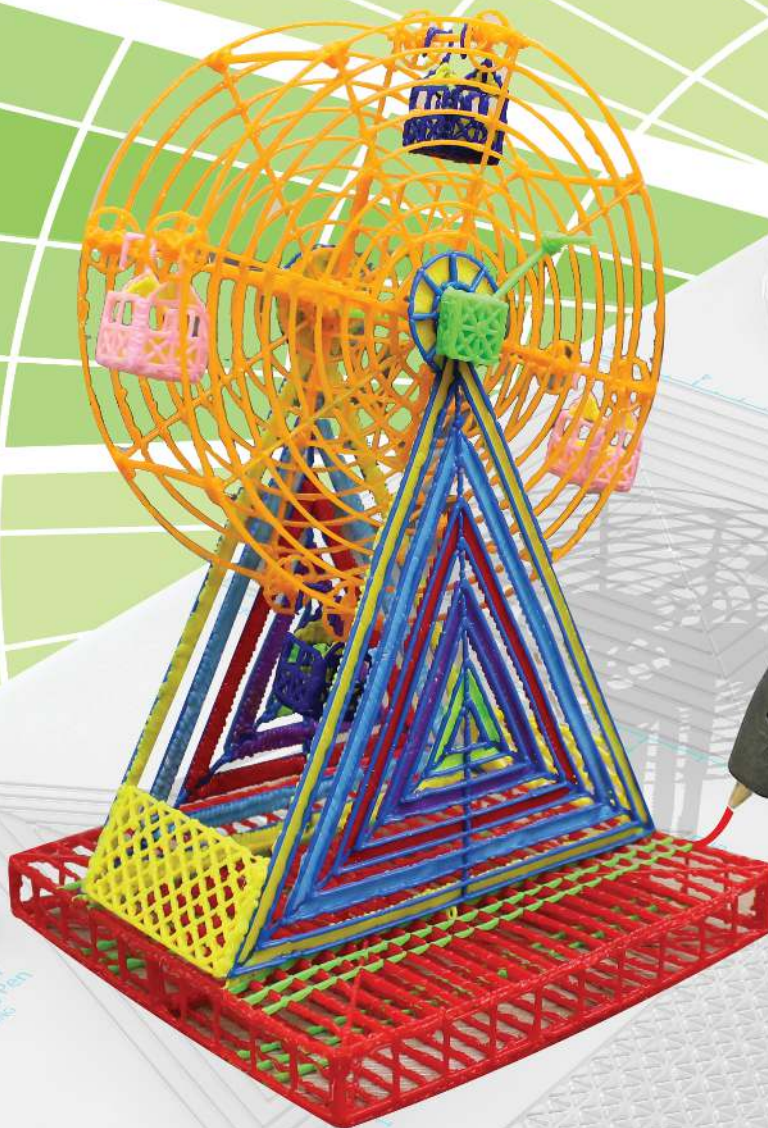




FERRIS WHEEL

3D PEN TEMPLATE



3Dmate
BASE
Design Mat for
3D Printing Pen
60x90cm

Thank you for your purchase!

Enjoy our 3D pen stencils. They are meant to serve as guide to make 3D pen creations more accurate and enjoyable. You can use them free hand, but they work best with our **3Dmate BASE Design Mat**

- **Free hand** - place the stencil on a flat surface and trace the printed lines with the 3D pen (you may cover the printout with parchment or tracing paper). Once filament cools, remove the pieces from the paper and fuse them together as instructed.
- **3Dmate BASE Design Mat** – the easy way to improve the quality of your creations. Place the stencil under the mat, draw within the indicated grooves. Once the filament cools, bend the mat and remove the piece and fuse together with other parts as instructed. Enjoy your perfect 3D creations.

NOTE: These and additional stencils are available for download at:
www.the3dmate.com/projects. Please enjoy.

3Dmate BASE can be purchased on Amazon.

Search for keyword:

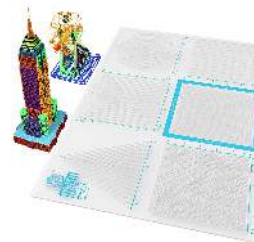
“3Dmate BASE 3D Pen Mat” or use the QR code:

Choose 3Dmate BASE branded mat
to assure stencil compatibility.



Please leave us a review on Amazon.

Your review helps other customers and is greatly appreciated.



Get all the filament colors needed to
complete this creation and more!

Buy Filamate 36 color PLA filament pack on
Amazon at: www.bit.ly/filamate-stencils



You can find helpful YouTube video guide
showing how to complete this stencil here:

www.bit.ly/3dmate-yt-ferris-wheel





1. (A) Bottom Base

Make 2 pieces using Lower Middle Square. Follow only continuous lines.

1. (B) Bottom Base

Make 5 side pieces using Lower Right Square. Follow only Continuous Lines.

2. (A) Wheer Support

Make 2 triangular wheel support pieces using Upper Left Triangle and circular brackets using Upper Right Circle. Fill space in between as desired.

2. (B) Wheel Support

Make 2 rectangular brackets using Lower Right Square to stablize wheel support.

3. (A) Wheel

Make 2 large wheels and 8 small circles (to prevent seats from moving) using Upper Right Circle. Fill spaces with filament in between spokes as desired.

3. (B) Wheel

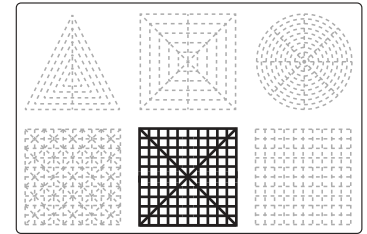
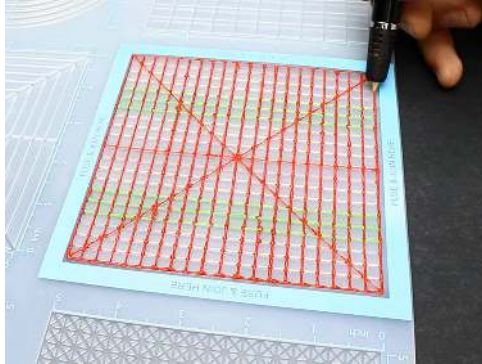
- a) Make 4 rectangular brackets (to be placed in between larger wheels).
- b) Cut 8 straight pieces of filament to be used as rods supporting seats.
- c) Cut 3 straigh filament pieces to create wind up crank
- d) Create 2 square pieces for both sides of wind up crank using Lower Left Square

4. Seats

Make 4 seats tracing continuous lines shown below.
Fuse all 4 walls together.



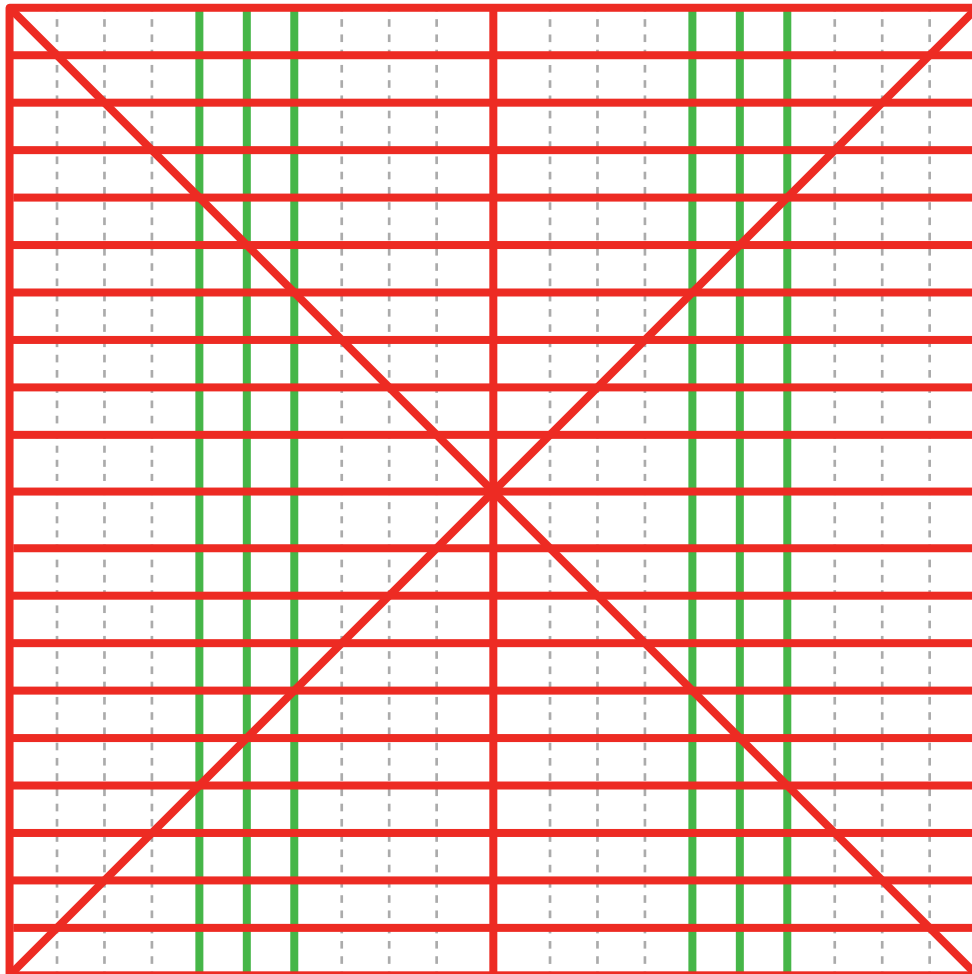
Lower Middle Square



Recommended filament colors:

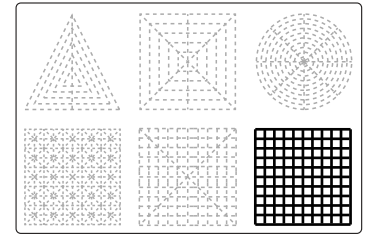
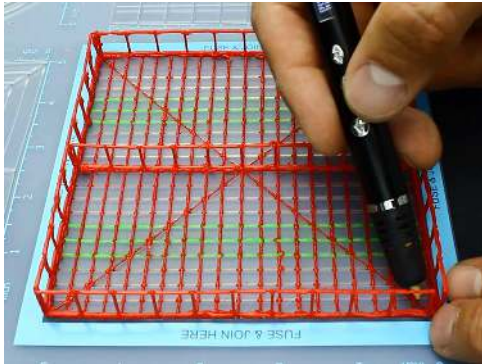


A x2





Lower Right Square

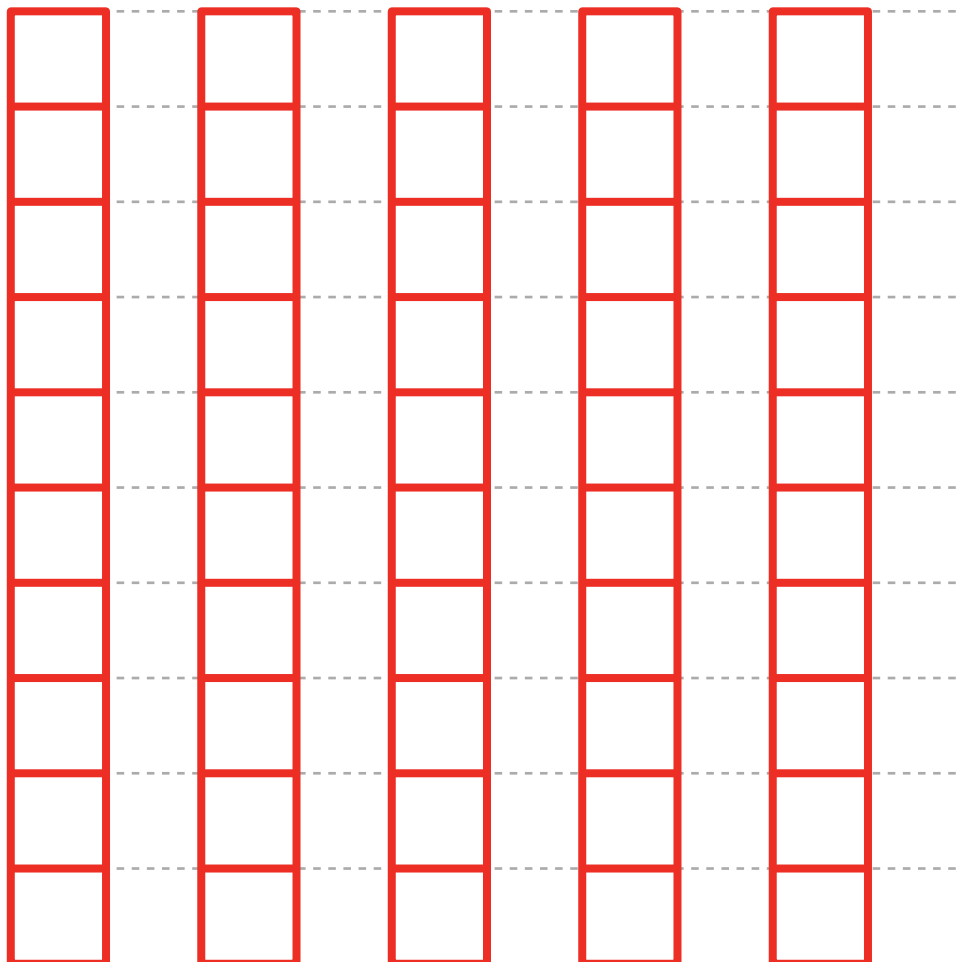


Recommended filament colors:



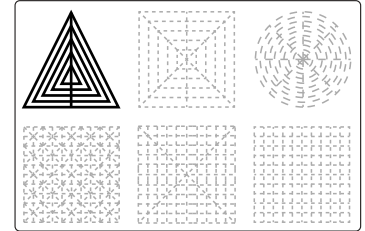
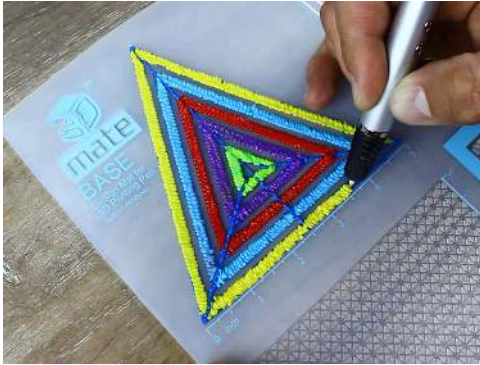
Red

B x4





Upper Left Triangle



Recommended filament colors:



Yellow

Blue

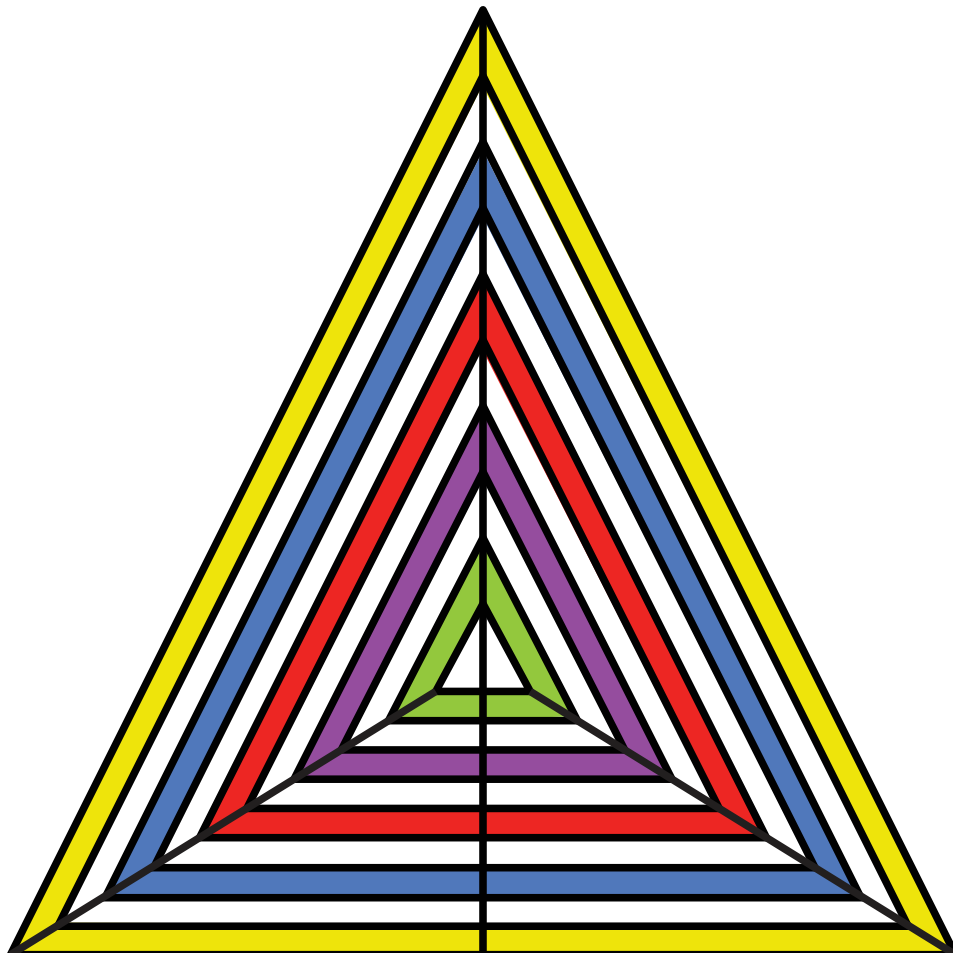
Red

Purple



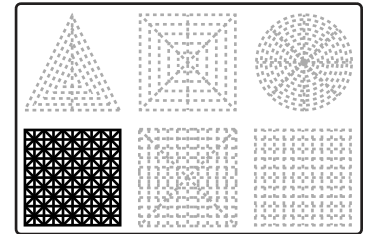
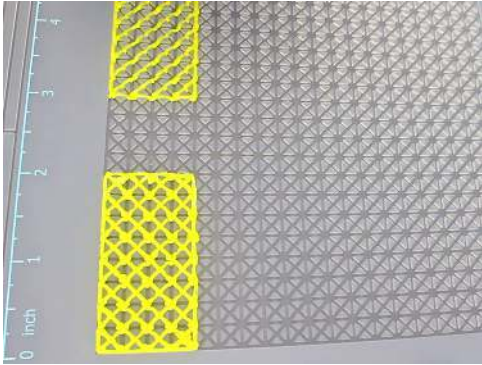
Fluo-Green

C x2





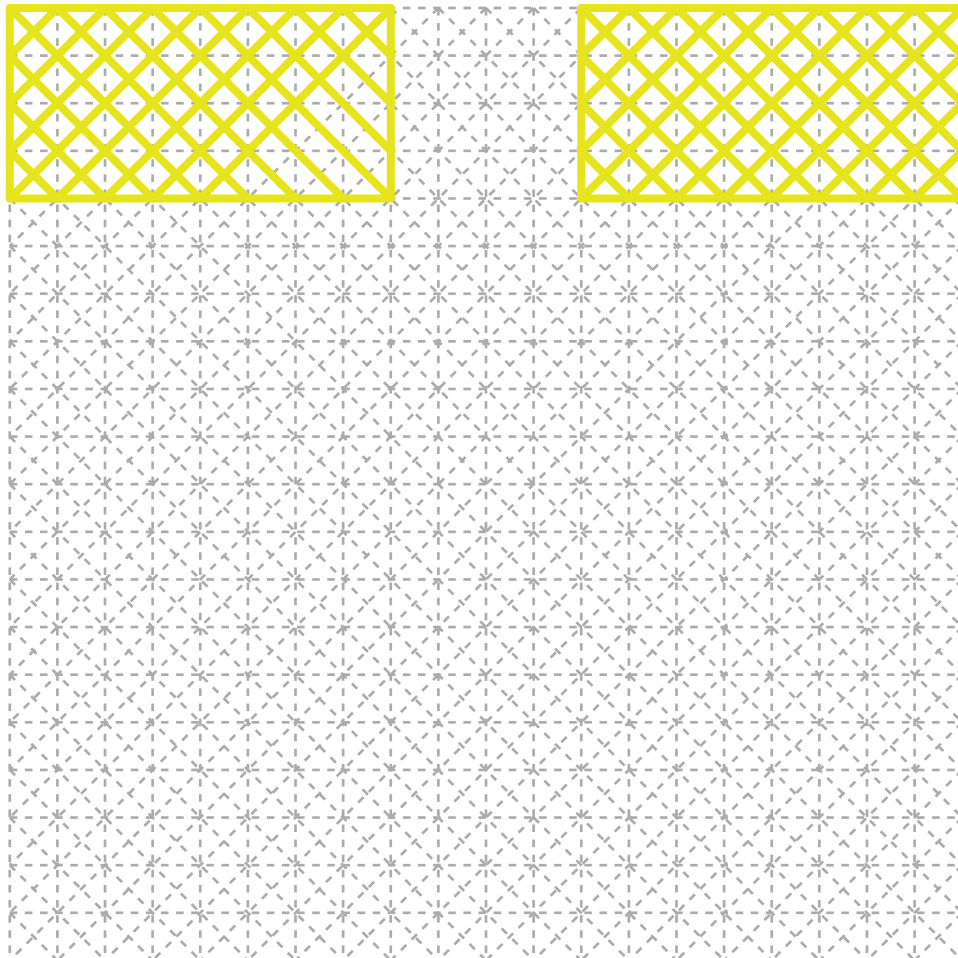
Lower Right Square



Recommended filament colors:

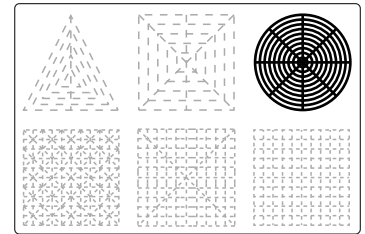
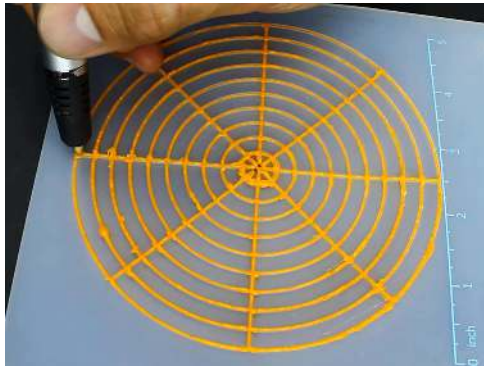


D x2

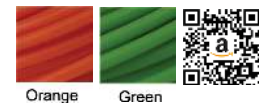




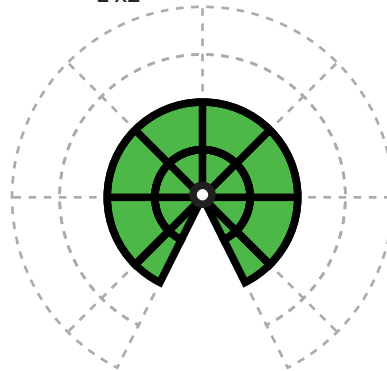
Upper Right Circle



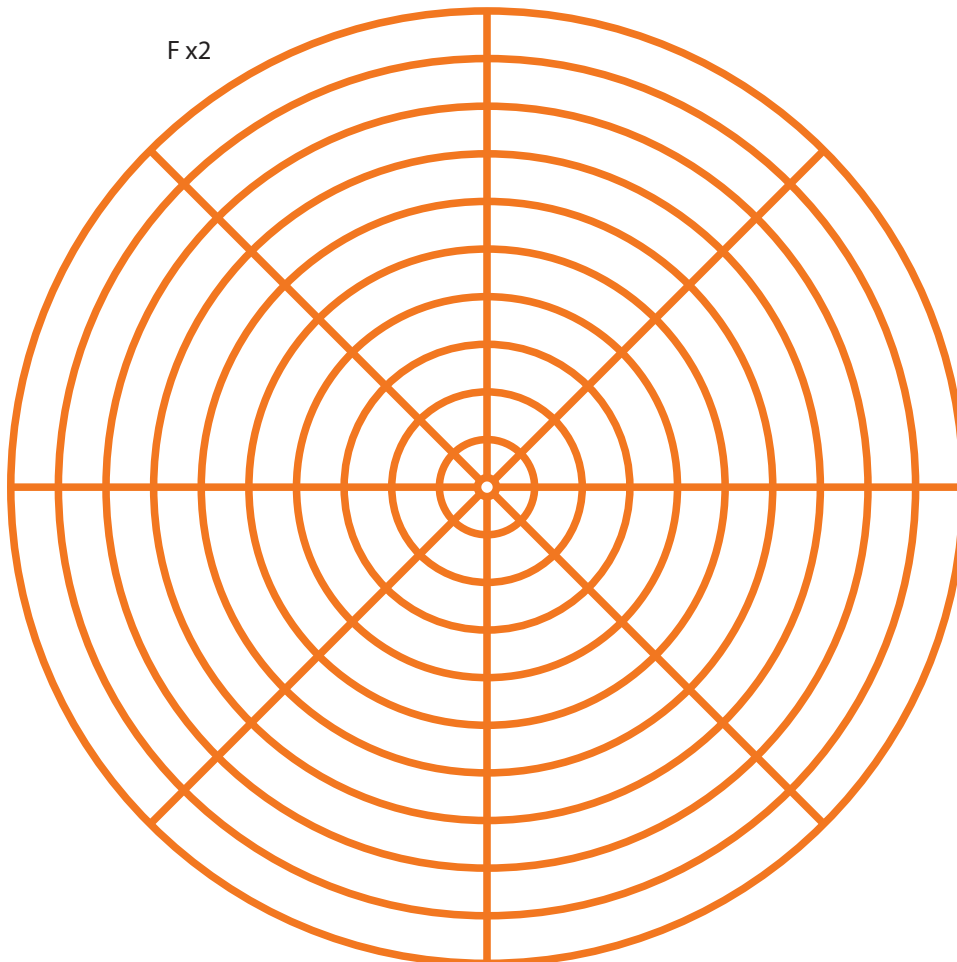
Recommended filament colors:



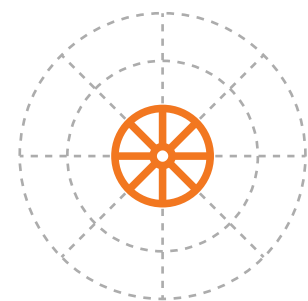
E x2



F x2

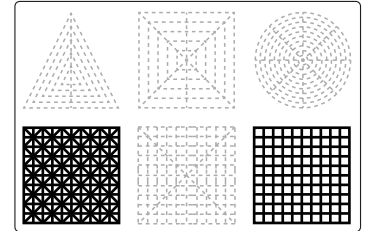


G x8





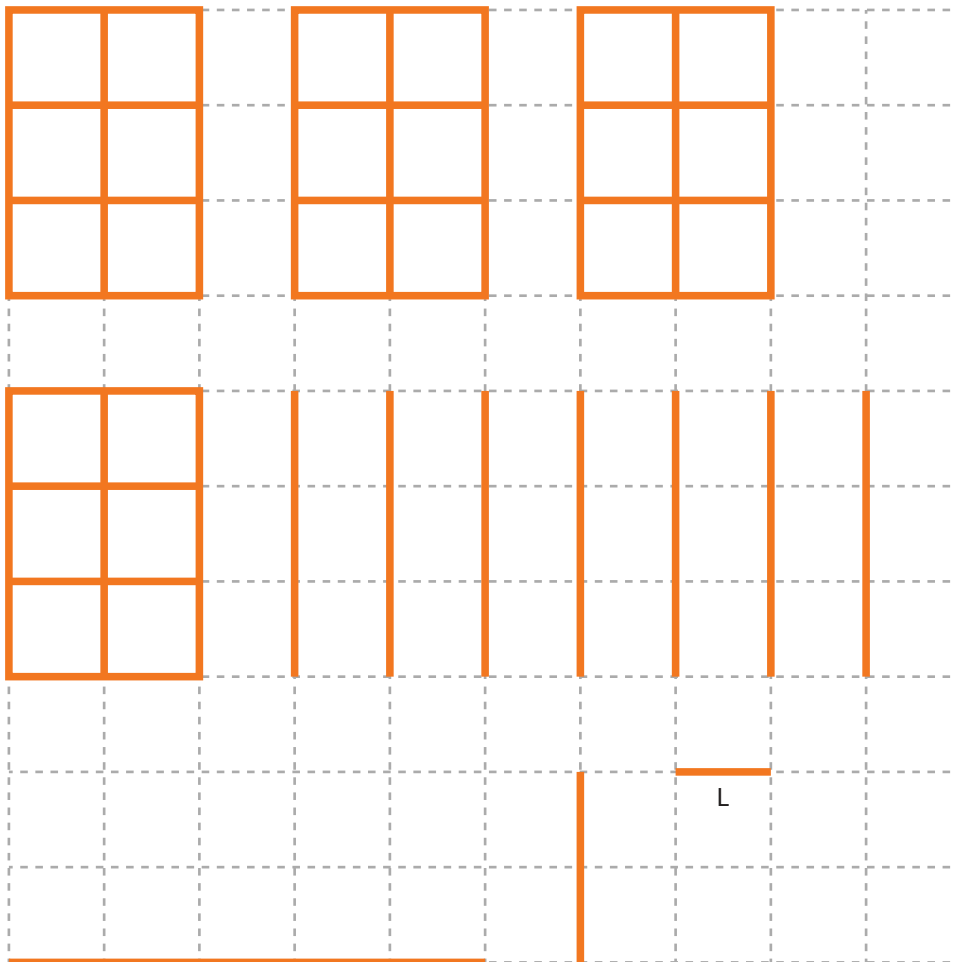
Lower Right Square



Recommended filament colors:



H x 4



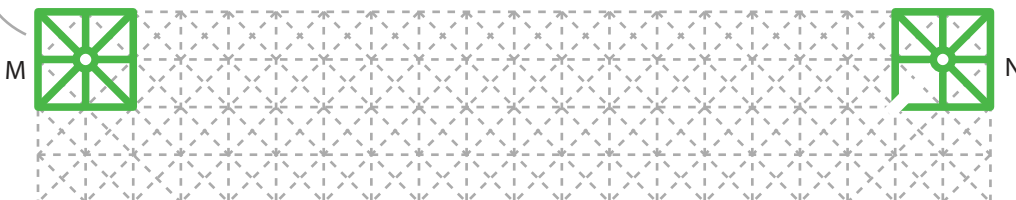
Cut 8 straight filament pieces of this length

I x 8

Cut 3 straight filament pieces of shown lengths

L

J

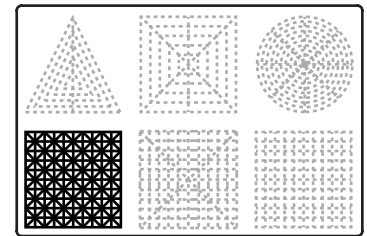
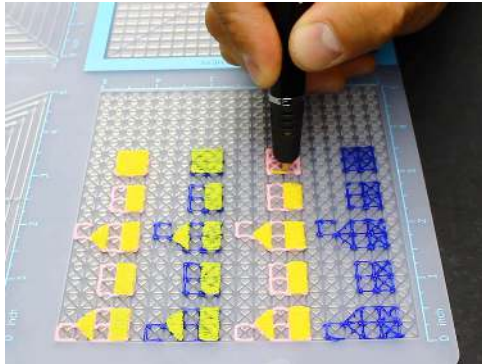


M

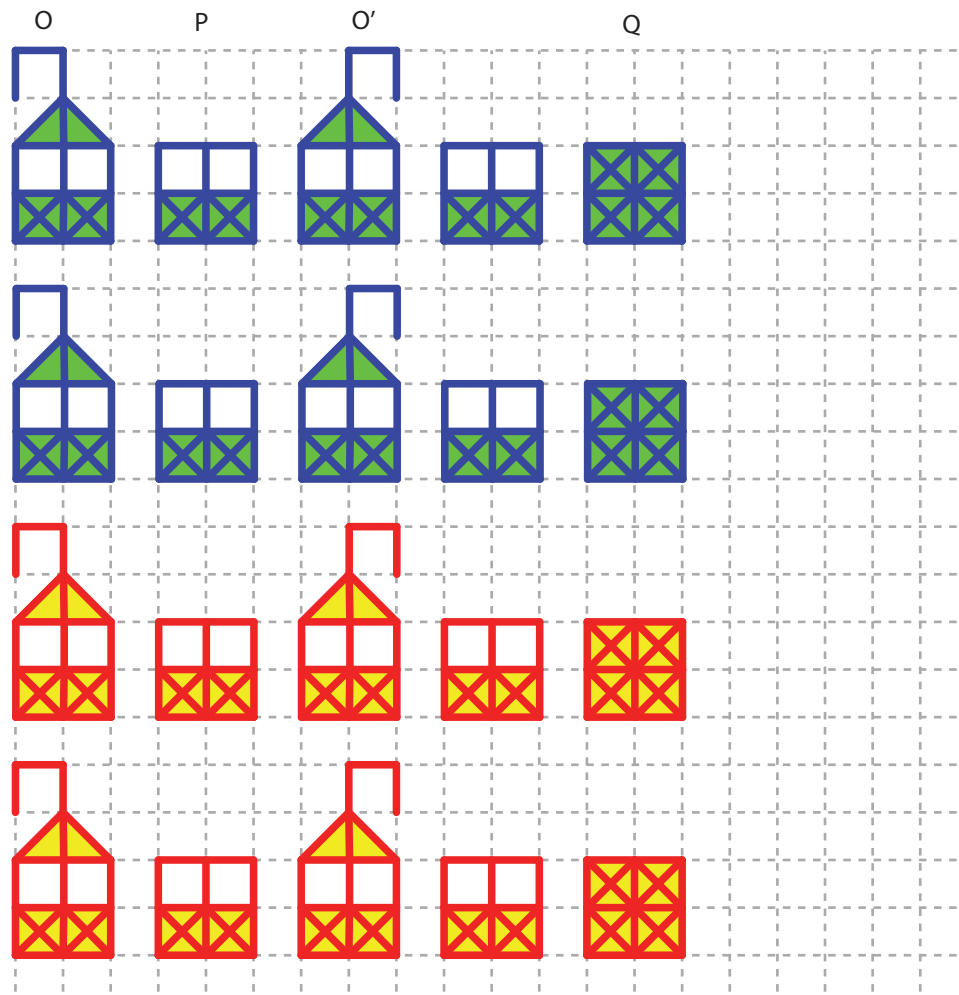
N

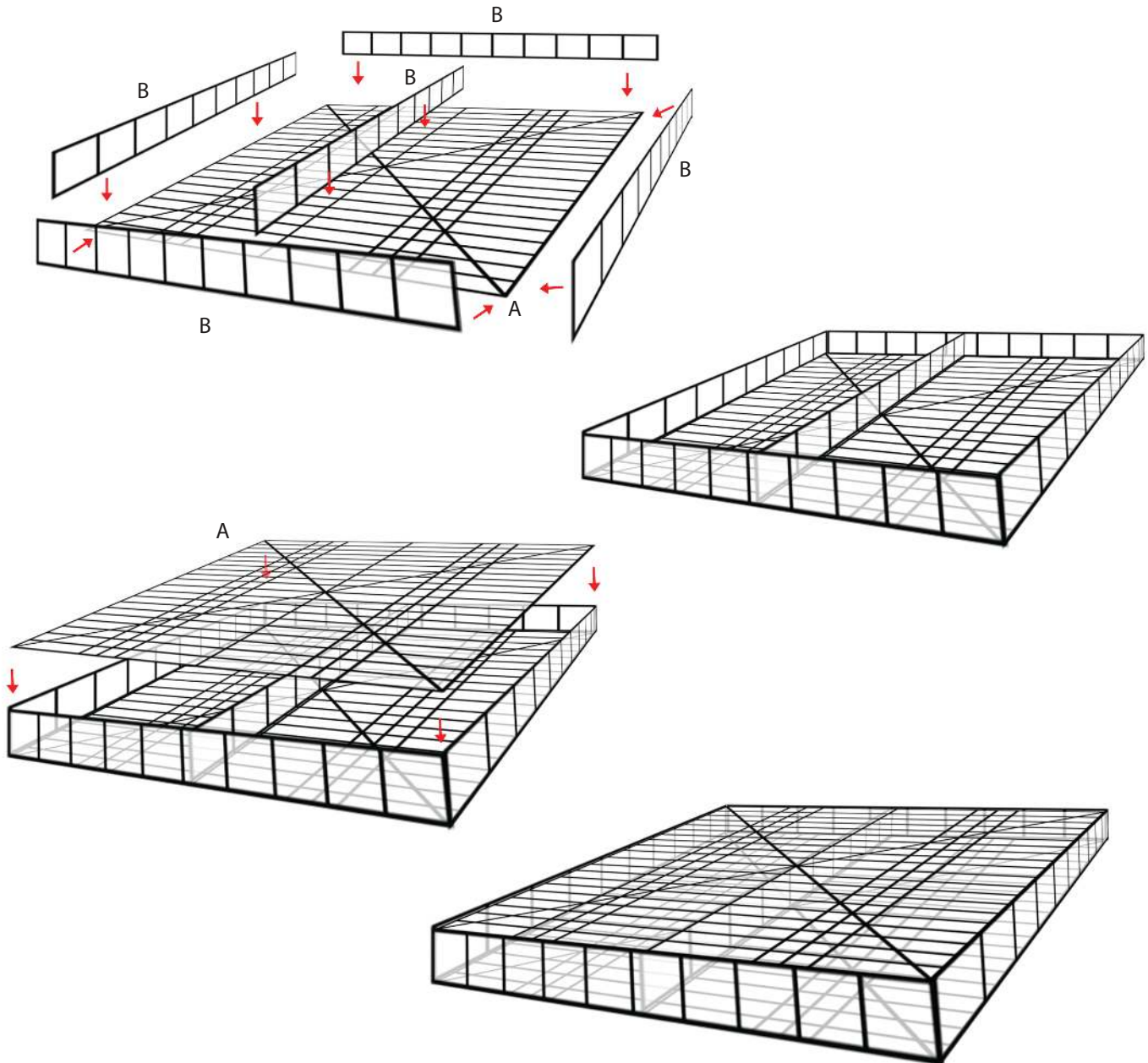
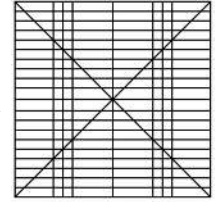
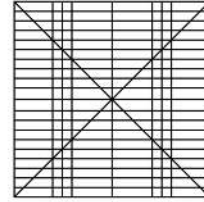
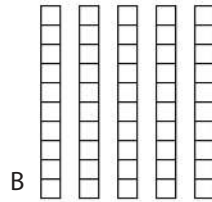
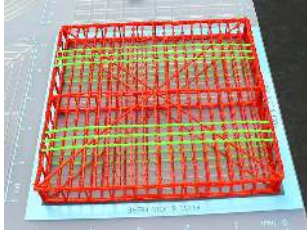


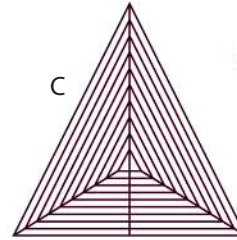
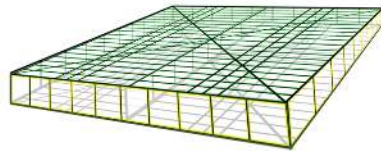
Lower Right Square



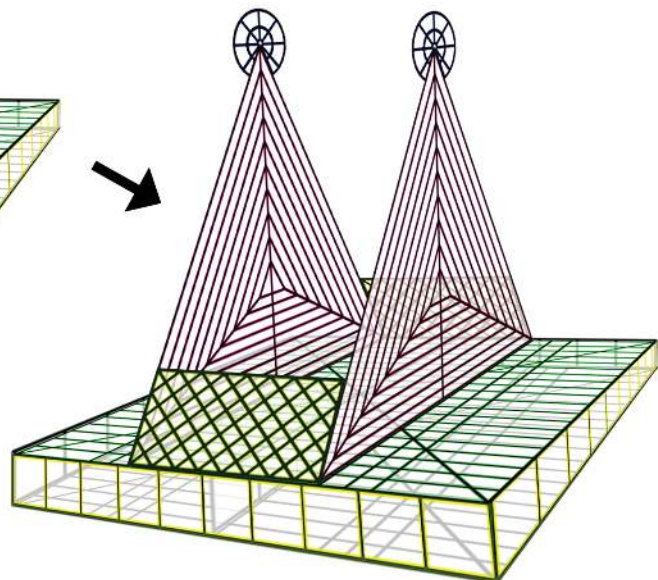
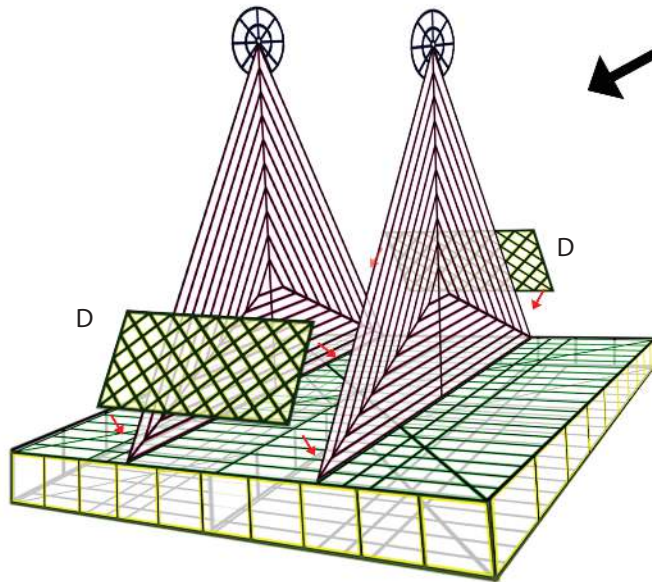
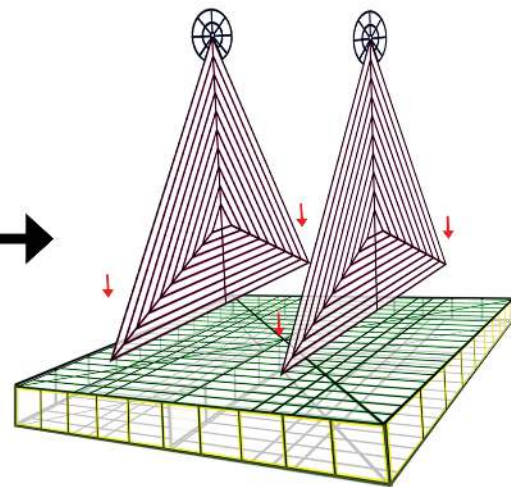
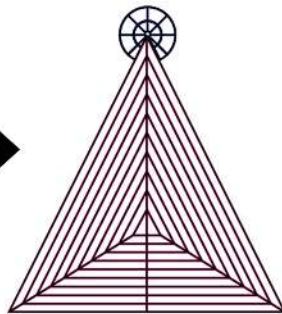
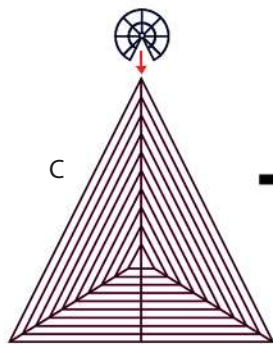
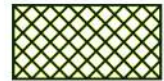
Recommended filament colors:

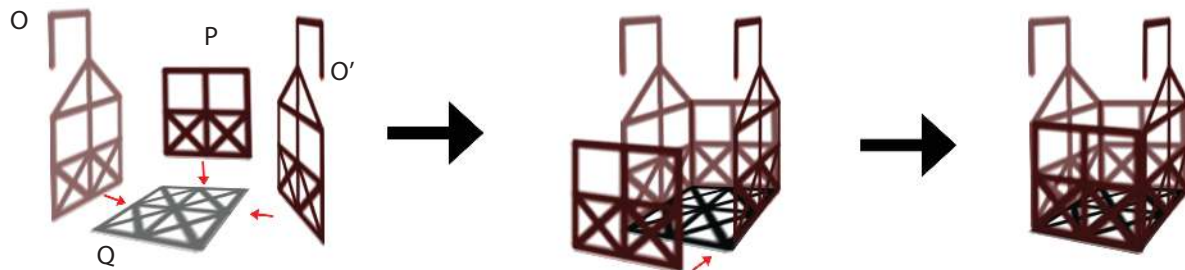
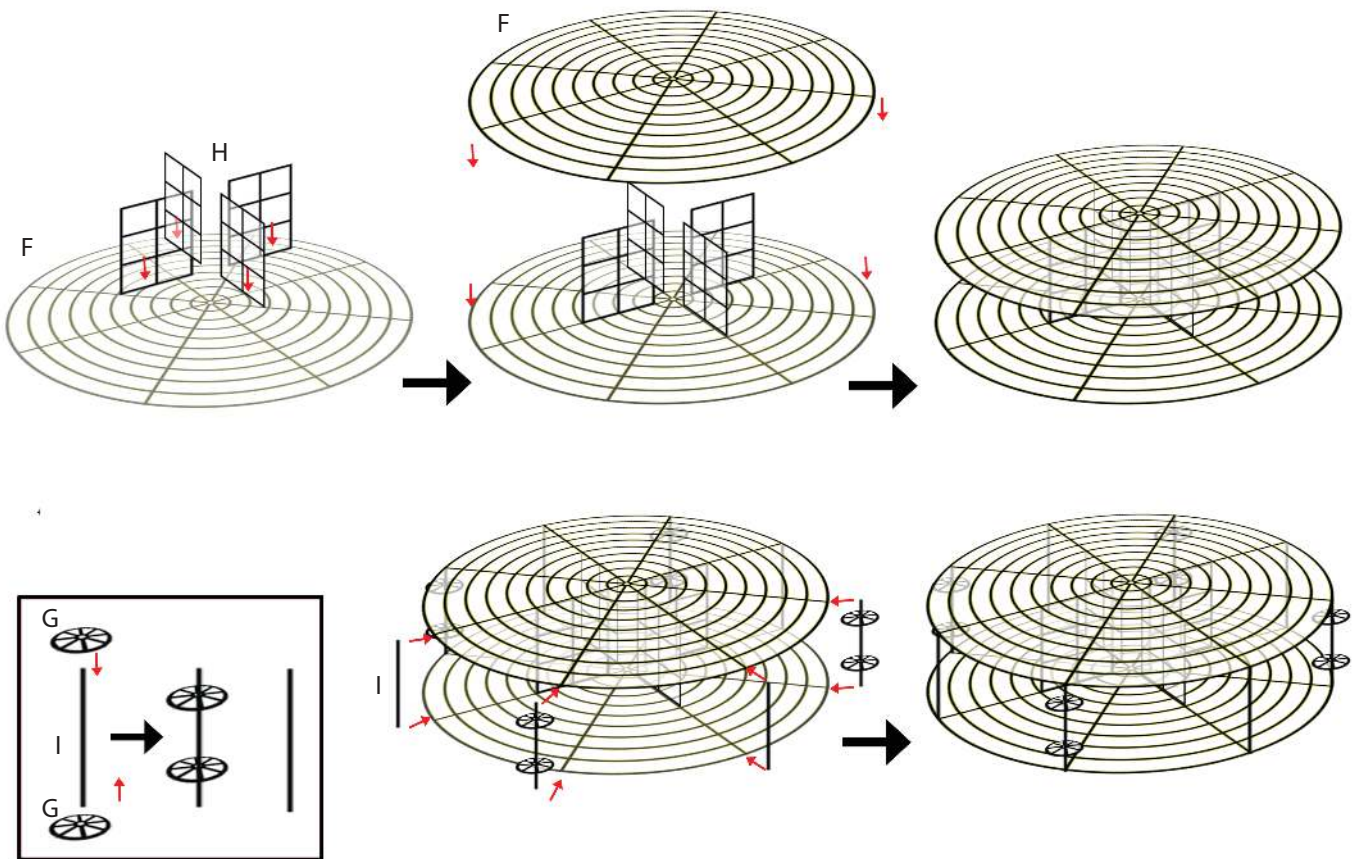
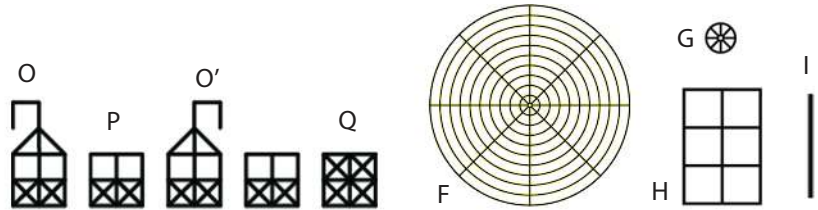


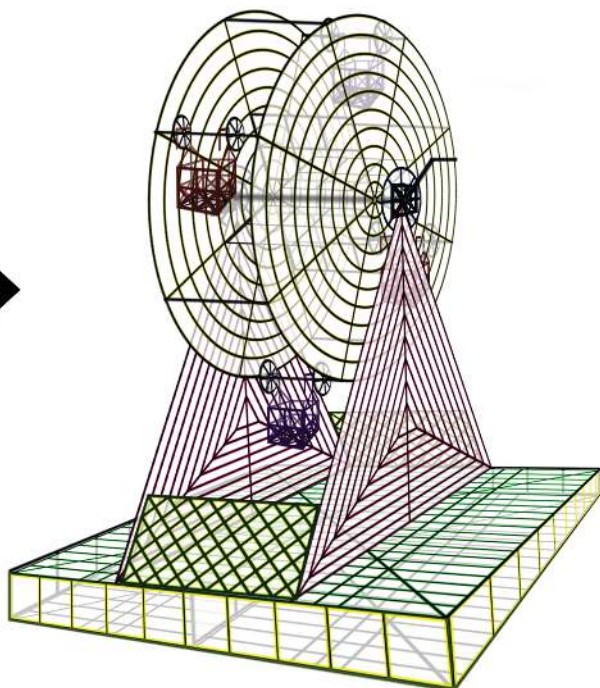
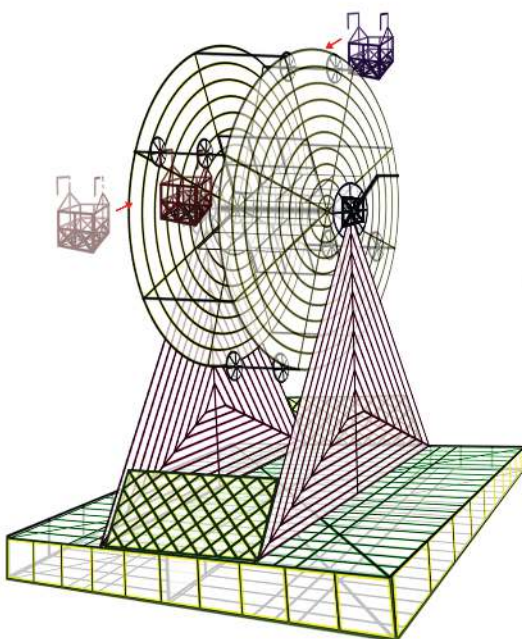
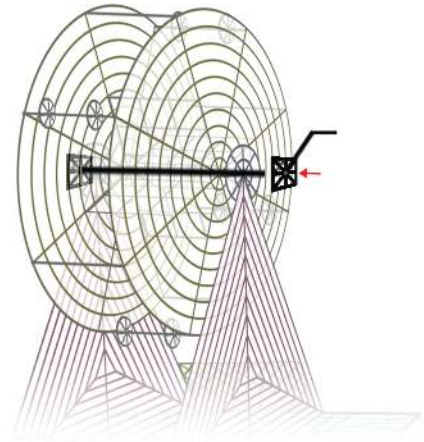
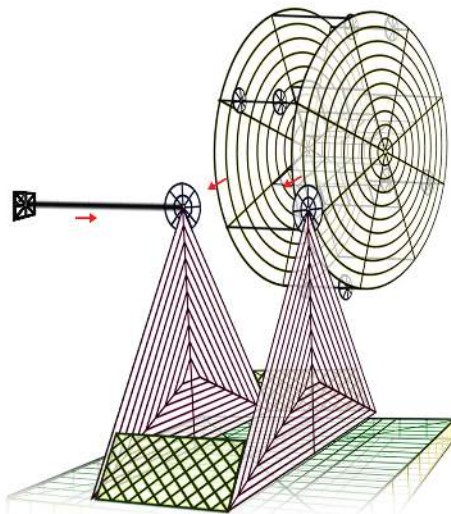
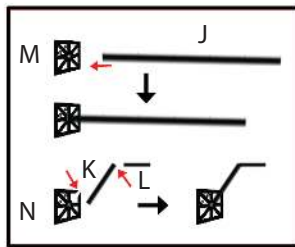
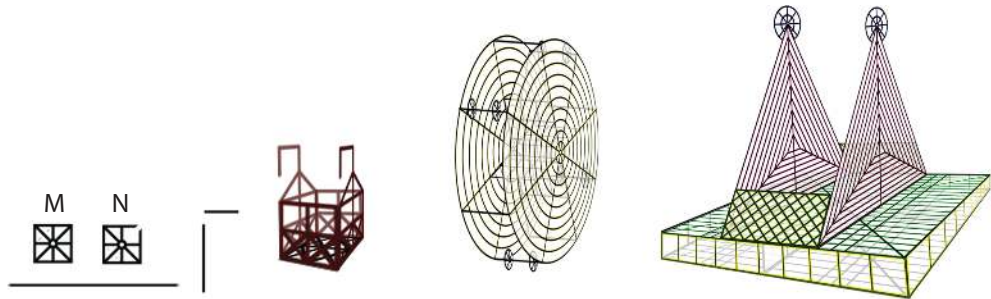
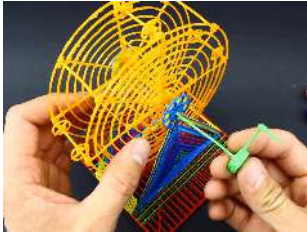


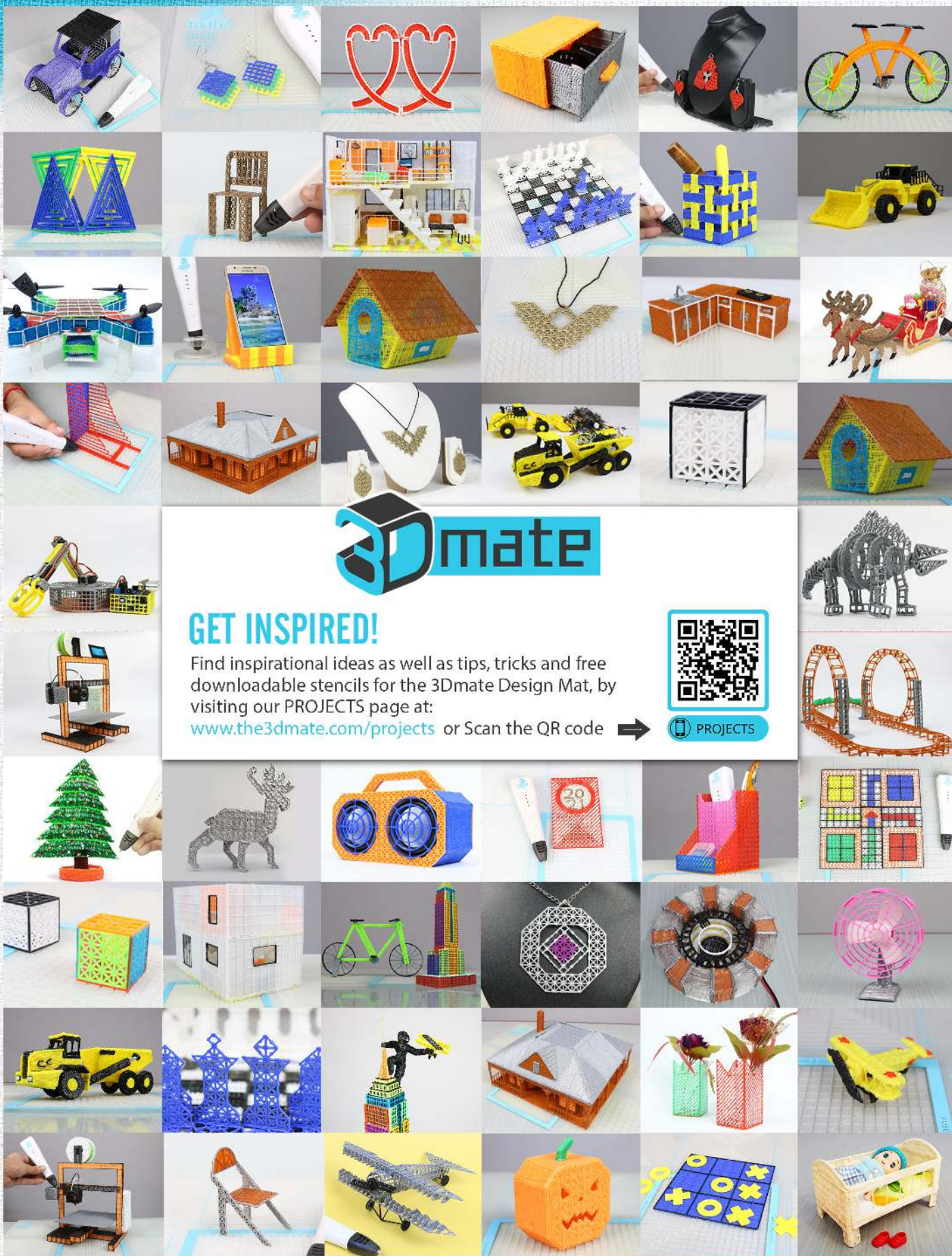


D









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PROJECTS