KATA 2020
3Doodler Create

The World’s First 3D Printing Pen
Supplies

To participate, I use the 3Doodler from Dick Blick (there is a less expensive 3D pen). Stands of ABS in colors of your choice. Pattern provided to use or your own art, (marker drawings are easier to use with the hot strands as they pull off the paper easier).
Quick Start Guide
Extra Quick Start Guide

1. Plug in & switch to HI
   It will take 60-90 seconds for your 3Doodler to heat up. The light will change from RED to BLUE.

2. Insert your ABS Plastic
   Click once on the FAST button and push the plastic into the back of the pen until you feel it grip. Start Doodling. Click any button once to stop Doodling.

3. Doodle onto the page
   While Doodling, push down into the page. This helps the plastic stick to the surface. Lift up and hold steady to Doodle up in the air.

For more features, check out the Quick Start Guide and User Manual.

Need help getting started?
Feel free to contact us at:
- help@the3Doodler.com
- US: 718-618-0900
- www.the3Doodler.com/getting-started
Glossy, Matte, or Metallic ABS.
Always start feeding the plastic and removing the plastic, on the highest heat setting (blue light).
Tool for removing 3Doodler nozzle tip, silicone finger protectors, extruder and screw driver.
If Plastic is not extruding from your 3Doodler:

1. Plastic not engaging properly with the Drive Gear:
   - Gently push and turn the Plastic disc/feed until you feel the plastic pulled through the Drive Gear on its way.
   - If the above does not work, reverse the Plastic fully from the Pen. Stop studs, then rotate completely by hand.
   - If plastic is too short to be gripped by the Drive Gear, move to 2 below.

2. Plastic is too short to be gripped by the Drive Gear:
   - Try unscrewing the nozzle and using the Unblocking Tool.
   - While Pen is hot-light is BLUE or GREEN-
     - Use Mini Spanner to unscrew and remove nozzle.
     - Insert Unblocking Tool through open front end of Pen and gently push any extrajets pushed out through the back of the Pen.

3. Plastic may be wrapped around the Drive Gear:
   - Remove Maintenance Cover using Mini Screwdriver provided in the box.
   - Use Mini Screwdriver or Unblocking Tool to FT and release Plastic from the Drive Gear and out of the Pen from the Plastic Loading Port or through the open area beneath the Maintenance Cover.
Examples
Falling Water