



Teenage Mutant Ninja Sharpies



Dr Operator

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Summary

Cowabunga!

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Tags: [ninja](#) [mutant](#) [teenage](#) [sharpie](#)

This is a remix of my Sharpie Guy entry into the Sharpie Mod contest. This was so much fun to make, especially the nunchucks. I printed the arms, legs and shells at a speed of 100, with a resolution of 0.2 mm and everything else at a speed of 20, with a resolution of 0.12 mm. If you have any questions, don't hesitate to ask.

ASSEMBLY: With the exception of Donatello's staff, all weapons will need to be assembled. Each grey weapon piece has a 2mm2 peg that fits into a hole on a brown handle.

The eyes fit inside the mask before you slide the mask onto the lid.

The elbow and knee pads just clip on. I would suggest using super glue to keep them secure because if your Sharpie gets knocked over, there is a good chance an elbow pad is going flying.

UPDATE: I received lots of great feedback via reddit and thanks to reddit user Shiral446 for suggesting masks and reddit user Brave-Strawberry-923 for suggesting shells. I've added both of those along with elbow and knee pads.

UPDATE II: I've renamed a couple of the files to avoid confusion. The grey

chain is in it's own .stl because it's so small and intricate. The weapons that are brown and grey are printed separately and then assembled. Unfortunately, I don't own a printer that can print multi color so when I design, I have to split the multi colored pieces up which I don't mind at all. Those are the kind of problems that Tinkercad and I love to discuss.

I've also split up the files a bit in an attempt to make it easier to tell what arms and legs belong to which character.

UPDATE III: An unintentional but awesome consequence of my design is that if you put them on their back, they can breakdance. Raphael is the exception but only because of the way I have his weapons oriented. Had he been holding them the other way, he'd dance just fine.

Model files



brown-weapon-parts.stl



chain.stl



grey-weapon-parts.stl



eyes.stl



raphkneelbowpads.stl



shell.stl



mikeykneeeelbowpads.stl



donnykneeeelbowpads.stl



leokneeeelbowpads.stl



mask.stl



raph-arms-and-legs.stl



leo-arms-and-legs.stl



mikey-arms-and-legs.stl



donny-arms-and-legs.stl

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