



Fidget Hydrant - Fire Hydrant Desk Toy



Knight Owl Printing

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Summary

This is a Fire Hydrant desk toy with a telescoping water spray!

[Toys & Games](#) > [Other Toys & Games](#)

Tags: [toys](#) [fidget](#) [collapsing](#) [desktoy](#) [hydrant](#) [telecoping](#)

This Fire Hydrant desk toy has a telescoping water effect and the top can be spun while collapsed, making it a fun desk fidget.

Printing

The model can be printed with **no supports needed**. In my example, the hydrant Base, Top, and Body were printed in Red Shimmer PLA. The “water” part was printed in Blue Silk PLA. There are two versions of the water piece. The water part can be printed in place from the file labeled “FireHydrantWater” or the individual pieces can be printed separately in Vase mode using the files labeled W1-W4. Using a brim is only recommended if printing in Vase mode. The “Splash” piece is optional.

Assembly Instructions

If the Water piece is printed in vase mode, please assemble them first. Then, add the Splash piece to the middle piece where it is at its thinnest with the flat side facing up. Insert the water piece into the Body of the

hydrant with the flat portion of the body facing up. Press the Body firmly on the Base. It should be able to fit in snugly and hold in place through friction. Lastly, fit the top of the water piece into the hole in the bottom of the hydrant Top piece. If the Splash piece starts to slide down the Water piece, please feel free to use a little bit of glue to hold it at the top if you desire.

Model files

fidgethydranttop.stl



fidgethydrantbody.stl



fidgethydrantbase.stl



fidgethydrantsplash.stl



fidgethydrantwater.stl



fidgethydrantw1.stl



fidgethydrantw2.stl





fidgethydrantw3.stl



fidgethydrantw4.stl

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