

EXPLORING EARTH

Paper Mountains

What happens after the storm?





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Try this!



Crumple up a piece of paper and gently open it most of the way. It should still show ridges (high points) and valleys (low points).



Choose one of the ridges and color the whole ridgeline with a washable marker. Use lots of ink! Place the paper on an absorbent microfiber towel.



Make a prediction. If water fell on the ridge you just colored, where would it go? What would happen to the colored ink? Now, test your prediction. Use the dropper to place water onto the peak, simulating a rainstorm. Was your prediction correct? Were you surprised by anything?

Repeat this experiment with more ridges on your crumpled paper. Do your predictions change as you make and observe more simulated rainstorms?

Try this at home!

Follow the instructions on the takeaway card to build a simple rain gauge at home and learn how you can share data with researchers who collaborate with NASA!