

## Twitter Thread by Divya Mittal



**Divya Mittal**  
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**I am an engineer from IIT Delhi. But more than any degree, what is needed in life is critical thinking, scientific temper and a curious mind.**

**I had made a list of experiments I want to do with my daughters to inculcate the same. Sharing it with you. A ■**

■ Create a Sea Breeze

Why is there breeze near the sea?

<https://t.co/rIcBIH1a0V>

■ Sink Or Float - Experiment With Oranges And Water

Concept explained - Life jackets

<https://t.co/vzb6M5e4DL>

■ Make a Human Sun Dial

Concept: Time, Shadows etc

<https://t.co/sNt7FlyANq>

■ How Much Salt is Needed to Float in Water?

Concept: Density

<https://t.co/wA1NSHTT6k>

■ How to fit a boiled egg in a bottle?

<https://t.co/eo7M0VrM9t>

■ Make coloured Convection currents

Concept: Gravity, heat transfer

<https://t.co/H0fG69ACZ9>

■ Separating colours

Separate colours into their constituent colours

<https://t.co/6mHGhZWrpP>

■ Potato floating in the center of a glass of water?!

Show your kids some magic!

<https://t.co/kqegLvmb39>

I hope you have fun doing these with your children. There are many such resources on the internet which can make learning sessions fun for your kids

Follow me [@divyamittal\\_IAS](#) for more of these <https://t.co/EmfrR0EUlt>

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— Divya Mittal (@divyamittal\_IAS) [November 8, 2022](#)