

# Low-Cost Experiments in STEM Education



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## Why science is complex

We can learn about the laws of order in nature through our thinking and through experience.

A thinking person asks questions and interprets his experiences as nature's answers.

If you want to know

- what makes the sponge rocket move,
  - how we can give a glass ball extra energy to roll out of a curved tube,
  - why you can't unscrew the screw nut by hand,
  - how the arms of the carousel rise,
  - why the LED lamp lights up and why the traditional light bulb does not from one type of power source,
- then visit my booth find out for yourself.



Provided you watch my tutorial, you can see interesting things like blue or green roses, you can see how the chocolate teacake behaves when there is no air around it.

You can try placing a glass on one end of the ruler with the other end resting on the edge of the table and not nailed to it.

It can help the students understand the events. Playfulness and rules lead to proof. The equipment dose not cost much.

**Look for my booth and check it out!**