

# Low-Cost Experiments in STEM Education

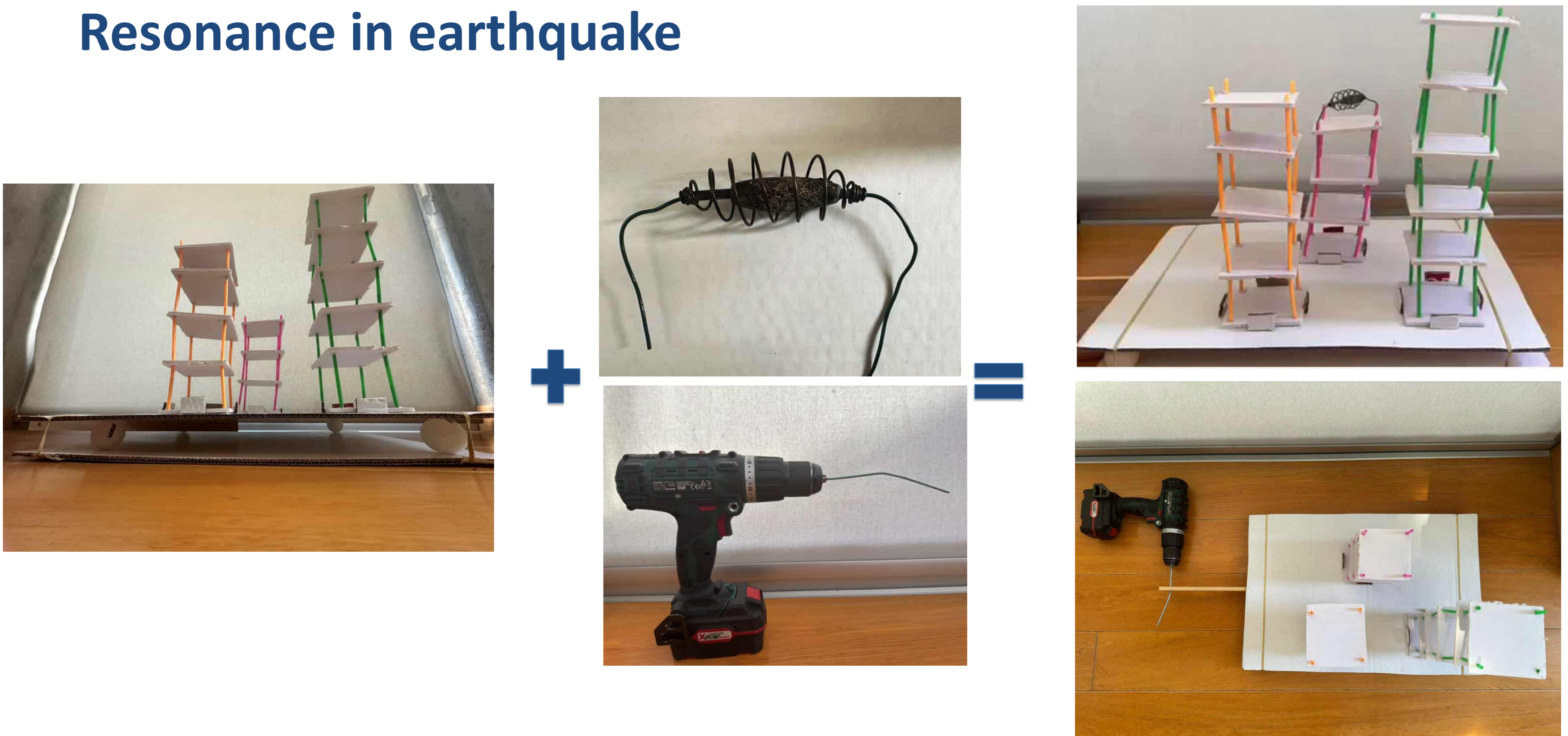


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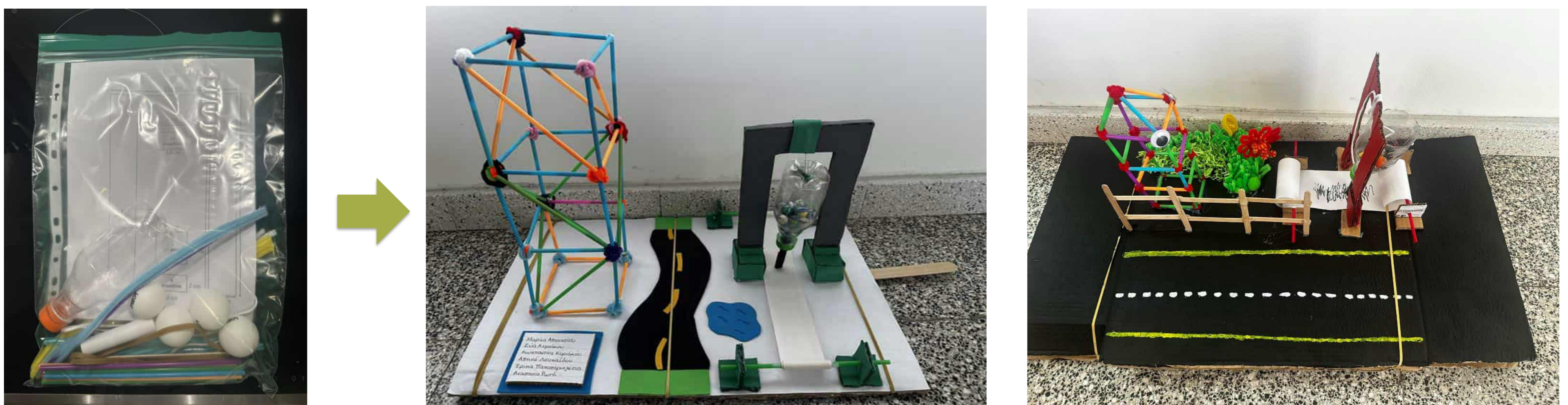
## Earthquake is not the one to blame

In this project the students were introduced to the phenomenon of resonance. The students had to get involved in an earthquake STEM challenge! They had to build a shake table, seismograph and do an engineering design challenge to build earthquake resistant buildings. A fantastic hands on Earthquake experiment and engineering project for students using simple materials.

### Resonance in earthquake



### Building a shake table with a seismograph



Earthquakes as a phenomenon are not dangerous...therefore, earthquake is not the one to blame...it's the buildings constructed by humans that are to blame for the disasters that occur.