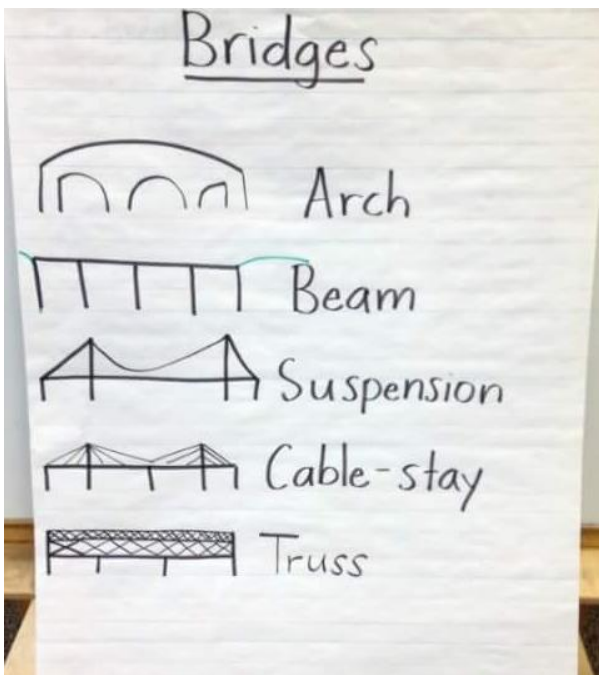


**Week 1** How strong is spaghetti?



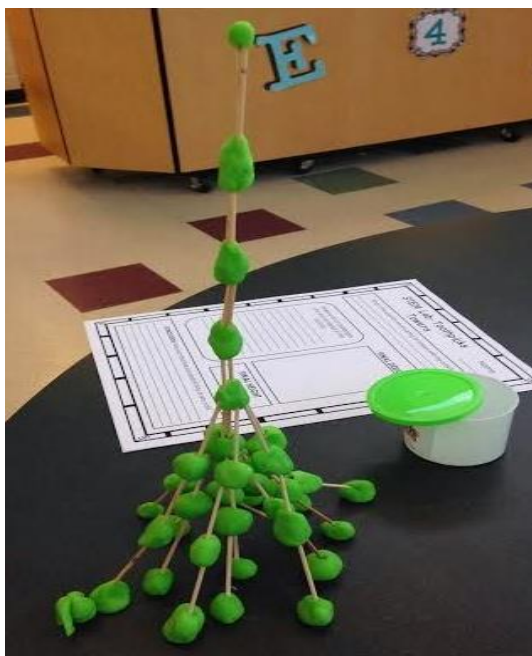
**Week 2** Can your bridge hold 100 pennies?



**Week 3** Straw roller coaster



**Week 4** Using just two ingredients how tall can you make your tower?



**Week 5** Exploring with catapults/ measure



Explore the physics of projectiles with a simple DIY catapult!



**Week 6** How much money can your tinfoil boat hold?



**Week 7** Pumpkin elevators. Can you make a lift to carry a pumpkin?

## Pumpkin Elevators



**Week 8** Which paper column can hold the most books?

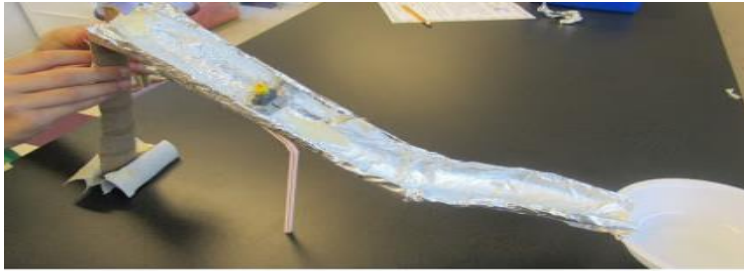


**Which paper  
column can hold  
the most books?**



**S.T.E.M. CHALLENGE**

**Week 9** Water slides



## Water Slides



**Week 10** Build a floatation device for an action figure



## STEM Challenge

Can you build a floatation device for an action figure?



**Week 11** Bottle cars- Newtons 3<sup>rd</sup> law



**Week 12** Build a paper chair



**Week 13** Marble run paper plates



To look forward to activities such as  
Solar ovens in spring / summer

