

FORCES AND MOTION

CUPCAKE LAUNCHER



Have you ever tried to figure the answers to any of these questions?

How do objects move? How do we calculate motion? What is acceleration? What is speed? What are some of the forces that act upon objects in motion? To further entice your creative minds, we have come up with a challenge for you. You are going to design a cupcake launcher. We will then have a competition to see which contraption can chuck a cupcake the farthest.

Happy Building!

CUPCAKE LAUNCH



WEDNESDAY, OCTOBER 15, 2025

AT 4:00 PM

@ CCES on the blacktop by the playground at northwest
end of building

5th Grade students are encouraged to work in teams. Teams can be made up of anyone. Parents, grandparents, siblings, aunts, uncles... etc make good teammates, or other students.

- The launcher must have a creative name.
- The launcher must have a place to fit a cupcake.
- The launcher can be made out of any materials.
- Standard-sized home-made cupcakes will be provided by the teachers.
- Please keep safety for self and spectators in mind.