

1. Each person in a pair, label one reaction tube and one spit dilution tube with your name.
2. Choose which person in the pair will do the reaction first. This person will be called the reactor. The person who is not doing the reaction will be called the timer.
3. The reactor should pick up a weigh boat and spit into it until it is about half-way full.
4. The reactor should suck 0.5 mL of spit into their pipet (with fresh tip). **NOTE: Do this slowly!!!**
5. The reactor should mix the 0.5 mL of spit into the spit dilution tube marked with their name. Pipet up and down to mix. Then discard pipet tip into the waste beaker and get a new tip.
6. The timer should program the timer to read 1 minute.
7. The reactor should suck up 0.5 mL of their spit dilution. **DO NOT ADD THIS TO ANYTHING YET.**
8. The reactor should coordinate with the timer so that the timer presses start when the reactor has pipeted his/her spit dilution into reaction tube labeled with his/her name.
9. The timer should tell the reactor to suck up 0.5 mL of vinegar using a new pipet tip. **DO NOT ADD THIS TO ANYTHING YET.**
10. Timers, give your partners a 10 second warning and be prepared to say stop when the clock reads zero. Reactors use this time to remove the cap from you reaction tube and prepare to pipet the vinegar into the reaction tube when the timer says stop
11. Partners will switch roles and repeat steps 3-10.

