

Name: Mr. Lowe

Periods: 7 & 8

Date: 5/18/20

Project #5: Tinkercad - 555 Timer Flashing LED Circuit Design, Simulation and Analysis

Deliverables: Use the below parts and schematic to design circuit in Tinkercad and run simulation. Describe what happens when you run simulation? Next, change capacitor value to 4uF run simulation and describe what happens? And last, change capacitor value to 0.01uF run simulation and describe what happens? Attach a screenshot/photo of **your** circuit in Tinkercad.

Required Parts Needed:

	<u>Quantity</u>
9 V battery	1
NE555 Timer Chip	1
1k ohms	2
470k ohms	1
Red LED	1
1 uf Capacitor	1
Breadboard Small	1

Schematic



