**List of Materials for all Activities**

Electricity Basics & Zero Emission Vehicles in the Community

Electricity Basics

[*Lesson Plan Electricity Basics ES*](https://drive.google.com/file/d/1KfSo8WAIgVAIoS5jkAJ5pm6Ao32OI_W8/view?usp=sharing)

[*Lesson Plan Electricity Basics MS*](https://drive.google.com/file/d/1UoYJ9woZT5449uJxLAm97J7GsWHUQ94e/view?usp=sharing)

[*Lesson Plan Electricity Basics HS*](https://drive.google.com/file/d/1GO-pAM9_d5GakbWz6nAiQwHF87sgcHSN/view?usp=sharing)

1. **Activity 1**
   1. Elementary School
      1. [Statue of Liberty card](https://drive.google.com/file/d/1_zSflYcr-_cmxObm52s8GxYt2Pa5aRRw/view?usp=sharing)
      2. [Student Instruction Guide ES A1](https://drive.google.com/file/d/14U-Y8znC5An9nFxlyjZkfbXHCZU-DbIQ/view?usp=sharing)
      3. [Materials label for ES A1](https://drive.google.com/file/d/1ai5QF1tlht_NBeR83zYejxvGynIKkkWG/view?usp=sharing)
      4. Supplies for Activity

# [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)

* + - 1. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

# [Metal Clips](https://amzn.to/3oE9T9w)

# [Jumbo Craft Sticks](https://amzn.to/3lcCEIr)

# [1500 PCS (15 Rolls) Glue Point Clear Balloon Glue Removable Adhesive Dots Double Sided Dots of Glue Tape for Scrapbook, Party, Wedding, Balloons Decoration](https://amzn.to/3DiTED3)

* 1. Middle School
     1. [George Washington Bridge card](https://drive.google.com/file/d/1WJo8t0_BqdlNGT2crAOFuzwFzid0uDnG/view?usp=sharing)
     2. [Student Instructions Guide MS A1](https://drive.google.com/file/d/1TpvAt1CDH8GnsxRz2z2jRZUbiILVYj9a/view?usp=sharing)
     3. [Materials label for MS A1](https://drive.google.com/file/d/1L-U0N8eEAQaB2FRM83CqffYLd9IMYUj6/view?usp=sharing)
     4. Supplies for Activity
        1. [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)
        2. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

* 1. High School
     1. [NYC Skyline card](https://drive.google.com/file/d/1Gbv7rlkugZSTa2eI7qzSv8gaqHxndt6G/view?usp=sharing)
     2. [Student Instructions Guide for HS A1](https://drive.google.com/file/d/16pl3oUIqIq2g4OhGjLdyWMPCzO2lAmx_/view?usp=sharing)
     3. [Materials label for HS A1](https://drive.google.com/file/d/11V_dtur2BCAFxinZ1Kkm9ofW76zXTKZH/view?usp=sharing)
     4. Supplies for Activity

# [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)

* + - 1. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

1. **Activity 2**
   1. Elementary School
      1. [Community Map](https://drive.google.com/file/d/1H4vHIJjPFmVz93ykQ0SigvAlsJwXdipp/view?usp=sharing)
      2. [Student Instruction Guide for ES A2](https://drive.google.com/file/d/1zConAC1-HGfotaKTk6I3oz-AbvuwKLIz/view?usp=sharing)
      3. [Materials label for ES A2](https://drive.google.com/file/d/17OaRWtdEsIawBqRsug5OxLV4wdD0yEHt/view?usp=sharing)
      4. Supplies for Activity

# [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)

* + - 1. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)
      2. [Unfinished Wood Cubes 2-inch, Pack of 250](https://amzn.to/2YmPElP)  (House)
      3. [Hand crank](https://amzn.to/3aHilNe)
      4. [Handle](https://www.adafruit.com/product/3864)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

* 1. Middle School
     1. [NYS Map](https://drive.google.com/file/d/1p1wOXTPH4OnAikLUAfUqxGuFIcqp0AYO/view?usp=sharing)
     2. [Student Instruction Guide for MS A2](https://drive.google.com/file/d/1VR9Jw0uq2IhjrA3J-UC6nqqaEOHoD7jv/view?usp=sharing)
     3. [Materials label for MS A2](https://drive.google.com/file/d/1chGUXusl9ZSZGst3Zcd2zqf2hR-i54aA/view?usp=sharing)
     4. [Energy Storage Facility cutout](https://drive.google.com/file/d/1Df4lHVIClfOe0uUTRyyHrziIla8B6tPA/view?usp=sharing)
     5. Supplies for Activity
        1. [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)
        2. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)
        3. [Unfinished Wood Cubes 2-inch, Pack of 250](https://amzn.to/2YmPElP)  (House)
        4. (Energy Facility)
        5. [Hand Crank](https://amzn.to/2WGNTzc)
        6. [Handle](https://www.adafruit.com/product/3864)
        7. [Solar panel](https://amzn.to/3BnuYZu)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

* 1. High School
     1. [NYS Map](https://drive.google.com/file/d/1p1wOXTPH4OnAikLUAfUqxGuFIcqp0AYO/view?usp=sharing)
     2. [Student Instruction Guide for HS A2](https://drive.google.com/file/d/1VR9Jw0uq2IhjrA3J-UC6nqqaEOHoD7jv/view?usp=sharing)
     3. [Materials label for HS A2](https://drive.google.com/file/d/1FfuzZyoSCBZR0rh355iiNbOV15lq6Vub/view?usp=sharing)
     4. [Energy Storage Facility cutout](https://drive.google.com/file/d/1Df4lHVIClfOe0uUTRyyHrziIla8B6tPA/view?usp=sharing)
     5. Supplies for Activity

# [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)

* + - 1. [Maker Tape](https://www.browndoggadgets.com/products/maker-tape-1-4th-inch-20m-roll-nylon-conductive-tape?_pos=2&_sid=9b83f7f2f&_ss=r)
      2. [Unfinished Wood Cubes 2-inch, Pack of 250](https://amzn.to/2YmPElP)  (House)
      3. (Energy Facility)

# [Hand Crank](https://amzn.to/2WGNTzc)

* + - 1. [Handle](https://www.adafruit.com/product/3864)
      2. [Solar panel](https://amzn.to/3BnuYZu)

# [CR2032 Lithium Battery 3 Volt Coin Button Cell 200 Pack](https://amzn.to/2YiRN1U)

Zero Emissions Vehicles in the Community

[*Lesson Plan Zero Emission Vehicles in the Community ES*](https://drive.google.com/file/d/1rkwq2ELxaqFwp-fdEYQYo9dZ5Q5a5Luq/view?usp=sharing)

[*Lesson Plan Zero Emission Vehicles in the Community MS*](https://drive.google.com/file/d/1WRnVqRWZqtz9ZpE-_JJSEMrdMdEArkBT/view?usp=sharing)

[*Lesson Plan Zero Emission Vehicles in the Community HS*](https://drive.google.com/file/d/1lYWrZ7irFKt3KoqYpT96G6Ru0BpFPgPZ/view?usp=sharing)

1. **Activity 1**
   1. Elementary School
      1. [Student Instruction Guide for ES A1](https://drive.google.com/file/d/1VdbX7Bje4NxutI1LXQcRbMSrIJb5Rccx/view?usp=sharing)
      2. [Materials label for ES A1](https://drive.google.com/file/d/1nUOEoK0HwHyccrKKhyNlFmlIYIm7TBQ3/view?usp=sharing)
      3. [Combustion Engine vs Zero Emissions Vehicles card](https://drive.google.com/file/d/1HUO3srmP_cHSQcaJ3FOgWxz3a-Hcj_db/view?usp=sharing)
      4. Supplies for Activity
         1. [Green Car](https://www.walmart.com/ip/Cuteam-DIY-Car-Toy-DIY-Assembled-Electric-4WD-Car-Vehicle-Model-Science-Teaching-Education-Kid-Toy/892629348?athbdg=L1100)
         2. [AA Batteries](https://amzn.to/3AgMa1f)
   2. Middle School
      1. [Student Instruction Guide for MS A1](https://drive.google.com/file/d/1VdbX7Bje4NxutI1LXQcRbMSrIJb5Rccx/view?usp=sharing)
      2. [Materials label for MS A1](https://drive.google.com/file/d/1m0CjUpQgY8_LSdWSfrI2aXjSJi5EiGKb/view?usp=sharing)
      3. [Combustion Engine vs Zero Emissions Vehicles card](https://drive.google.com/file/d/1HUO3srmP_cHSQcaJ3FOgWxz3a-Hcj_db/view?usp=sharing)
      4. Supplies for Activity
         1. [Green Car](https://www.walmart.com/ip/Cuteam-DIY-Car-Toy-DIY-Assembled-Electric-4WD-Car-Vehicle-Model-Science-Teaching-Education-Kid-Toy/892629348?athbdg=L1100)
         2. [AA Batteries](https://amzn.to/3AgMa1f)

# 

* 1. High School
     1. [Student Instruction Guide for HS A1](https://drive.google.com/file/d/14lGrUcADC-GAjWgcCUO-Y-xP9lQhkcp4/view?usp=sharing)
     2. [Materials label for HS A1](https://drive.google.com/file/d/1jxde22xVMmb-pV65n0OyVRF-ZOWfjzpV/view?usp=sharing)
     3. [Combustion Engine vs Zero Emissions Vehicles card](https://drive.google.com/file/d/1HUO3srmP_cHSQcaJ3FOgWxz3a-Hcj_db/view?usp=sharing)
     4. Supplies for Activity
        1. [Green Car](https://www.walmart.com/ip/Cuteam-DIY-Car-Toy-DIY-Assembled-Electric-4WD-Car-Vehicle-Model-Science-Teaching-Education-Kid-Toy/892629348?athbdg=L1100)
        2. [AA Batteries](https://amzn.to/3AgMa1f)

# [Forever in Time PD108 3D Pop Dots Square Dual-Adhesive Foam Mount, 1/4-Inch, 528 Per Package, White](https://amzn.to/300A0xe)

1. **Activity 2**
   1. Elementary School
      1. [Student Instruction Guide for ES A2](https://drive.google.com/file/d/1eUO7pEzgA03keEQ-6J6uZgLdjmOHXTol/view?usp=sharing)
      2. [Materials label for ES A2](https://drive.google.com/file/d/1xQ2mxNyXTQaBJX2lVp7TiupLmK_Bg6Fj/view?usp=sharing)
      3. [Car Information cards](https://drive.google.com/file/d/1RywR07SzGEuF7HeHhc6_WtRKQuJggcO_/view?usp=sharing)
      4. Supplies for Activity
         1. [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)
         2. [Solar Panel](https://amzn.to/3BnuYZu)
         3. [Maker Tape](https://www.whymaker.co/store/product/makers-conductive-tape)
         4. [Woodland Scenics SP4168 Pop Up Display 10-3/4"X7-3/8"X7-1/2"-](https://amzn.to/3abid8d) (Charging Station)

# [QTEATAK 6 Pcs 2 x 3V CR2032 Button Coin Cell Battery Holder with Leads On Off Switch](https://amzn.to/2WJcYtn)

# [Pull Back Cars, 8 Pack](https://amzn.to/3FuIRrp)

# [Sided Dots of Glue Tape for Scrapbook, Party, Wedding, Balloons Decoration](https://amzn.to/3DiTED3)

* 1. Middle School
     1. [Student Instruction Guide for MS A2](https://drive.google.com/file/d/1eUO7pEzgA03keEQ-6J6uZgLdjmOHXTol/view?usp=sharing)
     2. [Materials label for MS A2](https://drive.google.com/file/d/1nU5Ym5QFo6exkAb74SWyeJk9CMQLqcdb/view?usp=sharing)
     3. [Car Information cards](https://drive.google.com/file/d/1RywR07SzGEuF7HeHhc6_WtRKQuJggcO_/view?usp=sharing)
     4. Supplies for Activity
        1. [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)
        2. [Solar Panel](https://amzn.to/3BnuYZu)
        3. [Maker Tape](https://www.whymaker.co/store/product/makers-conductive-tape)
        4. [Woodland Scenics SP4168 Pop Up Display 10-3/4"X7-3/8"X7-1/2"-](https://amzn.to/3abid8d) (Charging Station)

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# [Sided Dots of Glue Tape for Scrapbook, Party, Wedding, Balloons Decoration](https://amzn.to/3DiTED3)

* 1. High School
     1. [Student Instruction Guide for HS A2](https://drive.google.com/file/d/1eUO7pEzgA03keEQ-6J6uZgLdjmOHXTol/view?usp=sharing)
     2. [Materials label for HS A2](https://drive.google.com/file/d/1BJ3WUMvnxSOu2tCd7gPJCqx3h8F3qldd/view?usp=sharing)
     3. [Car Information cards](https://drive.google.com/file/d/1RywR07SzGEuF7HeHhc6_WtRKQuJggcO_/view?usp=sharing)
     4. Supplies for Activity
        1. [LED](https://www.whymaker.co/store/product/jumbo-diffused-led-chip-color-cycling)
        2. [Solar Panel](https://amzn.to/3BnuYZu)
        3. [Maker Tape](https://www.whymaker.co/store/product/makers-conductive-tape)
        4. [Woodland Scenics SP4168 Pop Up Display 10-3/4"X7-3/8"X7-1/2"-](https://amzn.to/3abid8d) (Charging Station)

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# [Pull Back Cars, 8 Pack](https://amzn.to/3FuIRrp)