

Electrical / Electronic Day Camp

August 17 – 21, 2020

9:00am- 3:30pm

Drop off 8:30 am

Pick up by 4:00 pm

Campus Regina Public

1069 14th Ave. E. Regina, SK

Camp Cost: \$195 / student



Instructor – Mark Wilson

DAY 1 - Monday

Luminous Hash Browns and Electric Pickles (AM)

- Basic Electrical introduction
- Some fun experiments with electricity

So you want to play with Electricity (PM)

- Learn about bread board electronics and electronic components
- Build a light up sign that you can take home

DAY 2 - Tuesday

Let's make some sparks. (Safely) (AM)

- Some residential wiring including wiring a switch, receptacle and door bell (am)

Fantastic Photovoltaic Fun (PM)

- Learn about solar panels and make some mini solar cars

DAY 3 - Wednesday

Happy Windsday! (AM)

- Learn about wind turbines and compete with other to see who can generate the most electricity

Let's make some sparks II. (Safely again) (PM)

- Continue to work on our switches, receptacles and door bell
- Make an extension cord that you can take home.

DAY 4 - Thursday

Transistor Thursday. (AM)

- Learn how to solder and make a circuit on a printed circuit board (PCB)

Relays (PM)

- Build a relay circuit and learn about their many uses beyond Minecraft

DAY 5 - Friday

Fry Day!

-Let's make some Lichtenberg figures (lightning on wood) in a safe controlled environment.

Pizza Lunch

-Finish our switches, receptacles and doorbell.

-Make some annoying piezo buzzer circuits

This itinerary is subject to change



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