

Material Testing

Tools that I learned or practiced:

Flame test
Conductivity test
Drop test
Strength test
Acid test

Scientific Method

Tools that I learned or practiced:

asking questions
designing tests
recording observations
finding patterns in obs.
sharing work

Programming/ Code

Tools that I learned or practiced:

Scratch
LEGO mindstorms
Raspberry Pi
Arduino
Python, Java, HTML

C.A.D.

Tools that I learned or practiced:

TinkerCad
CorelDRAW
Sketchup
Adobe

Leadership

Tools that I learned or practiced:

Listening
Sharing ideas
Synthesizing ideas
Resolving conflicts
leveraging conflicts

Math

Tools that I learned or practiced:

measuring
parts of a circle
Ohms Law
 $F = MxA$
converting fractions

Art

Tools that I learned or practiced:

Sketching
Sculpting
Painting
Origami
Making music

Deconstructing

Tools that I learned or practiced:

Taking e-waste apart
Parts, Purpose, Complexity
Harvesting parts
Making take apart art

Electronics

Tools that I learned or practiced:

Soldering
Parallel, series circuits
Multi-meter
Switches, resistors, diodes, LEDs,
potentiometer
Sensors

Building/Making

Tools that I learned or practiced:

Hand cutting wood or metal
Filing, sanding
Power drill
Cooking, baking
Sewing machine
Dremel tool

Documentation

Tools that I learned or practiced:

Photography
Daily logging/Note taking
Explain everything
iMovie
Voice recording

Writing

Tools that I learned or practiced:

Making and defending claims
Blogging
Fiction or Poetry
Formal emails
Daily logging