

Ryan Jackson
 10/17/24
 Cyse 368

Reflective Journal 3

This was the first day of using the heat press. We had a group come in and they were able to take home a hat. We supplied the hats and they placed the designs on the hats. We taught them and had them operate the heat press. There was a stitched design and a sticker. The stickers were made with the Cricut printer. We supplied them with 2-3 stickers. They were then able to add color to the stickers and place them in the desired place on the hat. They were only allowed one stitched design each. They then brought it up to the heat press and we assisted in operating the machine. It only takes a few minutes to apply the designs to the hats.

On the 15th we had another field trip, however the focus of the interns was to prepare for future workshops and get supplies ready. There was a Family Makerspace that took place on October 24th. We simply had to set up materials for the activities that would take place that day. This consisted of preparing 20 Squishy Circuits baggies. Each bag contained one 1-inch ball of multiple colors of playdough, 10 LEDs of various colors, one battery pack with batteries installed, etc.



Supplies

These are the parts you need to build one Wiggle-Bot.

WIGGLE-BOT PARTS

Do you have more parts? You may have the Super Wiggle Bots kit.
 Download the Super Go Guide at teachergeek.com/wiggle

NAME	QTY	PICTURE
Gear Set SKU 1821-28	1 set 4 gears	
Blocks SKU 1821-34	2	
Battery Holder SKU 1821-01	1	
Small Motor w/Leads SKU 1821-01	1	
Steel Wire 30 cm (12 in) SKU 1821-72	2	
Dowels various sizes SKU 1821-20	6	 Dowel Sizes 2x 30 cm (12") 1x 7.5 cm (3") 2x 15 cm (6") 1x 5 cm (2")

MATERIALS YOU SUPPLY

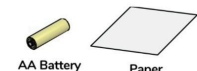


Recycling Materials
 What can you use for a Wiggle-Bot body?



Markers

Tape



AA Battery

Paper or Poster Board
 (for scribble-bots to draw on top of)

Another activity was to build a contraption called a Wiggle-Bot. We were supplied with a guide on how to build and experiment with a Wiggle-Bot. The guide lists necessary Wiggle-Bot parts, including a gear set, dowels, blocks, a

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battery holder, a small motor with leads, and

steel wire. As stated prior we simply needed to

set up the supplies for the students. The guide

states to use the Wiggle-Bot to explore

electricity and waves via optional labs. It offers

ideas for evolving the basic Wiggle-Bot design,

including adding wire legs, a frame, a base,

etc. The guide encourages users to experiment

and keep improving their designs. You can

make the Wiggle-Bot wiggle in whichever direction, jump, wiggle in circles, roll, or spin.

Another task that we had was to prepare for Halloween-themed events. For instance, we had to create and print Halloween stickers. This was done using the Cricut.

This was done on printable vinyl. We then 3D printed 22

plates of buildable jack-o'-lanterns. Most if not all of

these tasks were in preparation for Makerspace events

and/or field trips.

