

A white circular logo with a dashed black border, containing the text "STAR WARS MAKERSPACE ACTIVITIES" in bold black capital letters. The logo is centered on a black horizontal bar that spans the width of the page. The background of the entire page is a vibrant green with a repeating pattern of concentric circles.

**STAR WARS
MAKERSPACE
ACTIVITIES**

4 Activities for Groups and Individuals!

Star Wars Character
Star Wars Musical
Star Wars Light Show
The Millennium Falcon

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STAR WARS MAKERSPACE ACTIVITY

Suggested Materials:

- Buttons
- Duct Tape
- Chenille Stems
- Permanent markers
- Color Me Capes
- Wiggly Eyes TR1
- Gold and Silver Foil
- Copper Foil
- Acrylic Paint
- Fabric Markers
- Glue

Activity: Build your own Star Wars character!

STEP 1: Preparing Your MakerSpace

- Gather recycled materials such as CD's, cardboard boxes/rolls, egg cartons, and sheets/fabric scraps.
- Gather, purchase and organize different arts and craft materials and tools for makers to use to create their Star Wars character. Tools include plenty of glue, scissors, duct tape, and other adhesives. (Tip: Color Me Capes -Item #CM139 on ssww.com- are great for beginner MakerSpaces to encourage new makers by providing a start to their character.)

STEP 2: Introduce Makers to the Concept and LET THEM MAKE!

STAR WARS MAKERSPACE ACTIVITY

Suggested Materials:

- Boomwhackers - Item #:MM49
- Snap Circuits Sound - Item #:LR2446
- Band Instrument Set (\$77) - Item #:MM79

ACTIVITY: Create your own Star Wars musical theme

STEP 1: Preparing Your MakerSpace

- Gather tons of noise makers or materials that can be used to make noise.
- Items suggested above are used to help makers focus on the tools that they are given.

STEP 2:

- Play current Star Wars theme for makers before starting
- Put in place a time limit on the musical theme
- You may want to limit makers to only specific items (items in MakerSpace, items on table, etc)

Tips:

You can also as a group try to recreate the original Star Wars Music Theme with items.

Use a smartphone or tablet to record the musical themes.

Have makers get into character from previous MakerSpace Activity.

STAR WARS MAKERSPACE ACTIVITY

Suggested Materials:

- Snap Circuits Lights - Item #LR2445
- Grand Finale Light Show - Item #18369
- Light Show Sticks - Item #:17929
- Glow-Lite Items (ropes, sticks)
- Flash Lights

ACTIVITY: Create your own Star Wars light show

STEP 1: Preparing Your MakerSpace

- Make sure there is an area, room or closet where makers have access to dark to create the show.
- Gather items suggested above (ssww.com) and have musical theme ready so that makers can create a light show to go with it.

STEP 2:

- Play current Star Wars theme for makers before starting
- Create "stopping" times to test light shows (every 5 minutes)

Tips:

Use a smartphone or tablet to record the musical theme and light show. (You may need an additional if you are already using one to play the music)

Have makers get into character from previous MakerSpace Activity to put the entire show together.

STAR WARS MAKERSPACE ACTIVITY

Suggested Materials:

The key to this MakerSpace Activity is to limit makers to materials. Almost any materials can be used, but here are common ones. Cardboard, elastic bands, craft sticks, tape, paper, plastic bags, straws, styrofoam cups, dixie cups, cardboard rolls, poster board, cotton pads, Q-tips, string/yarn, spaghetti, marshmallows, balloons, paper plate, aluminum foil

Necessities: glue, scissors, rulers, pencil, eggs

ACTIVITY: Create your own Millennium Falcon and see if it transports R2D2 (egg drop)

STEP 1: Preparing Your MakerSpace

- Gather items suggested above and put limits on quantities. Some examples are below:
 - Choose 12 items (Have a list of 30 with specific limits: 10 straws, 8 craft sticks, 5 elastic bands. This makes designing their space craft important. "May the Force be with their choice"
 - Give each team or maker the same items (you can also do this and allow for them to choose one or two additional) and have musical theme ready so that makers can create a light show to go with it.
- Create **CLEAR Limits** - Ex: Space craft limited to 12x12x12, a point system - 100, 90 (cracked), 80 (yolked), points deducted for materials), only 1 egg given, no parachutes, trading materials/no trading, time limits on design/make

STEP 2:

- Introduce concept to makers and give them time to **DESIGN, TEST, DROP**

TIPS:

Write down materials makers "chose" to keep track, measure and check off right before drop
Allow plenty of time for testing and rebuilding
Have a repair kit on hand at drop including the necessities listed above.
Since this is a Star Wars theme allow time to "decorate" the space craft and name it.

