

Solar Eclipse Slider

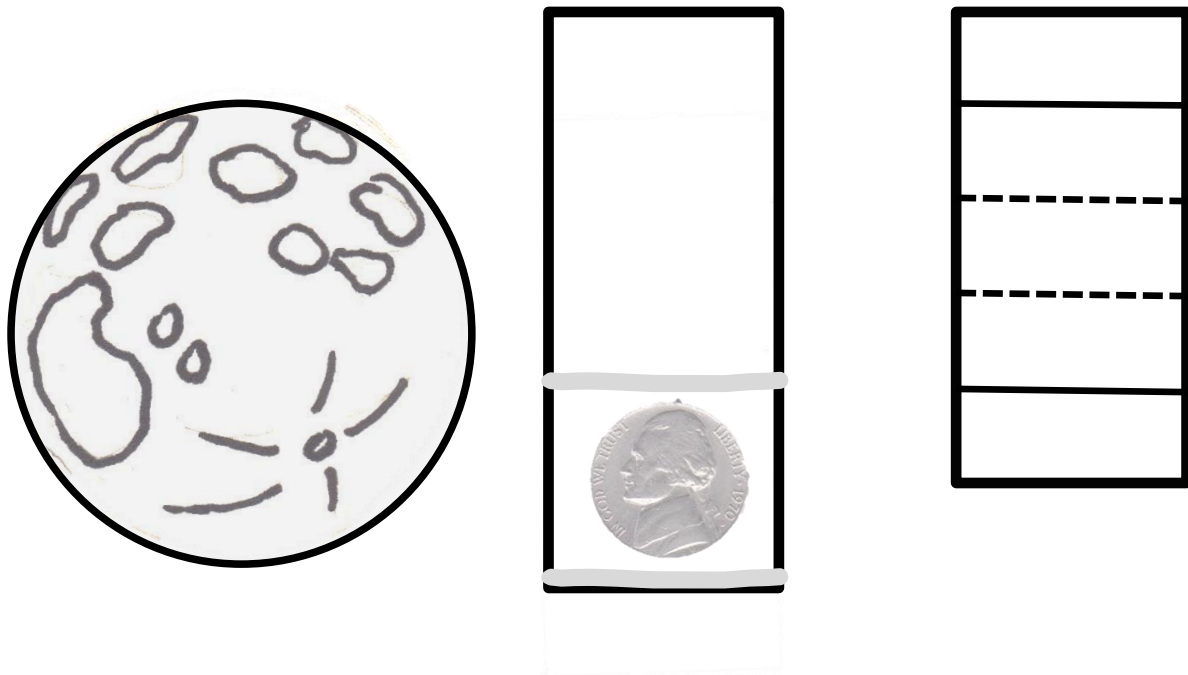
Page 1: Moon Switch

Page 2: LED Circuit (bottom layer)

Page 3: Corona and Stars Mask (tape vellum over openings)

Page 4: Sun and Sky (upper layer)

Page 5: Earth (cover for sliding moon)



Sliding Moon Switch

Cut out pieces above

Attach nickel to tab with foam tape

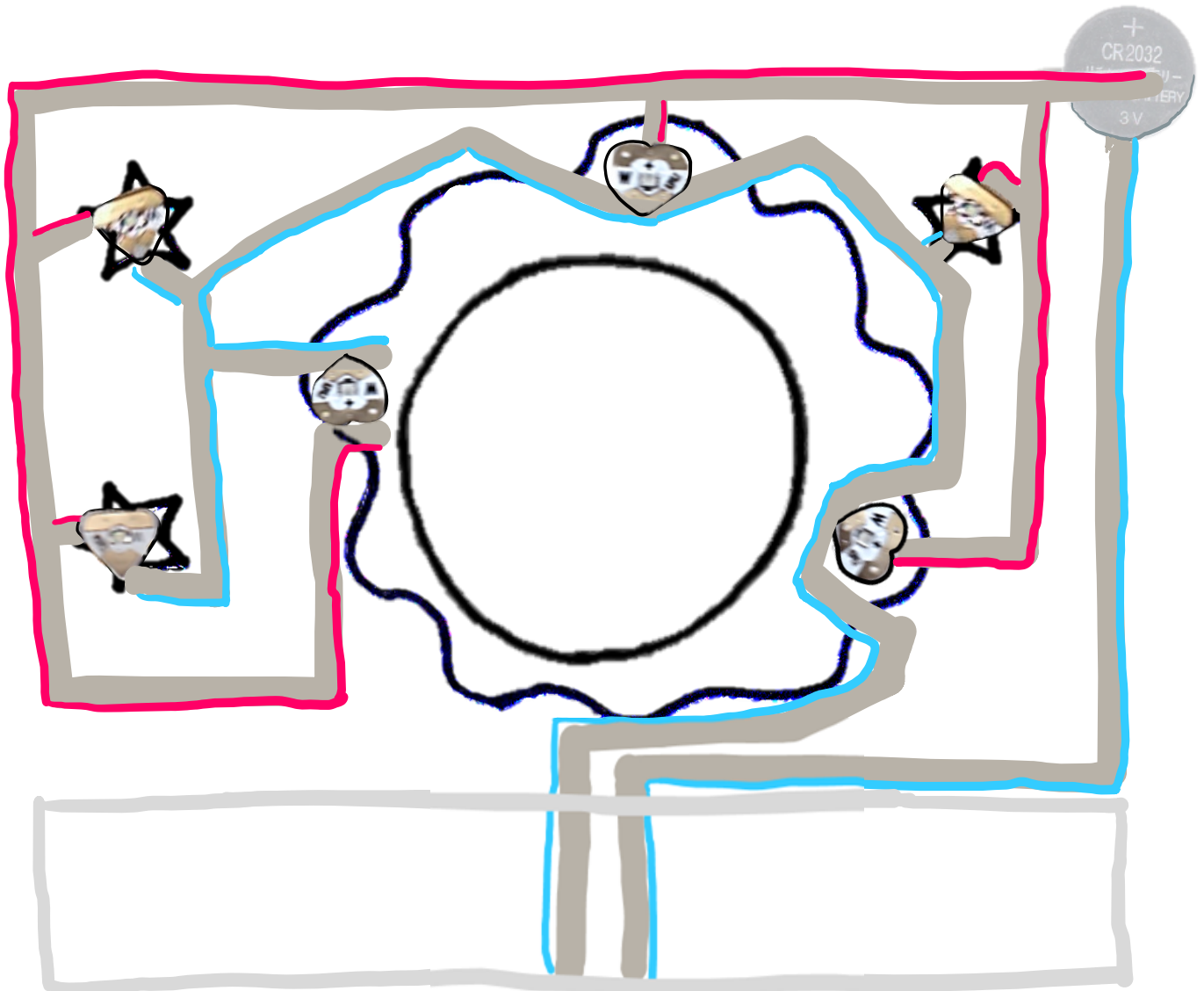
Add foam tape lines above and below nickel

Flip over, tape moon to end of tab

Fold handle (solid lines up, dashed lines down)
and tape to tab over nickel



Solar Eclipse Slider



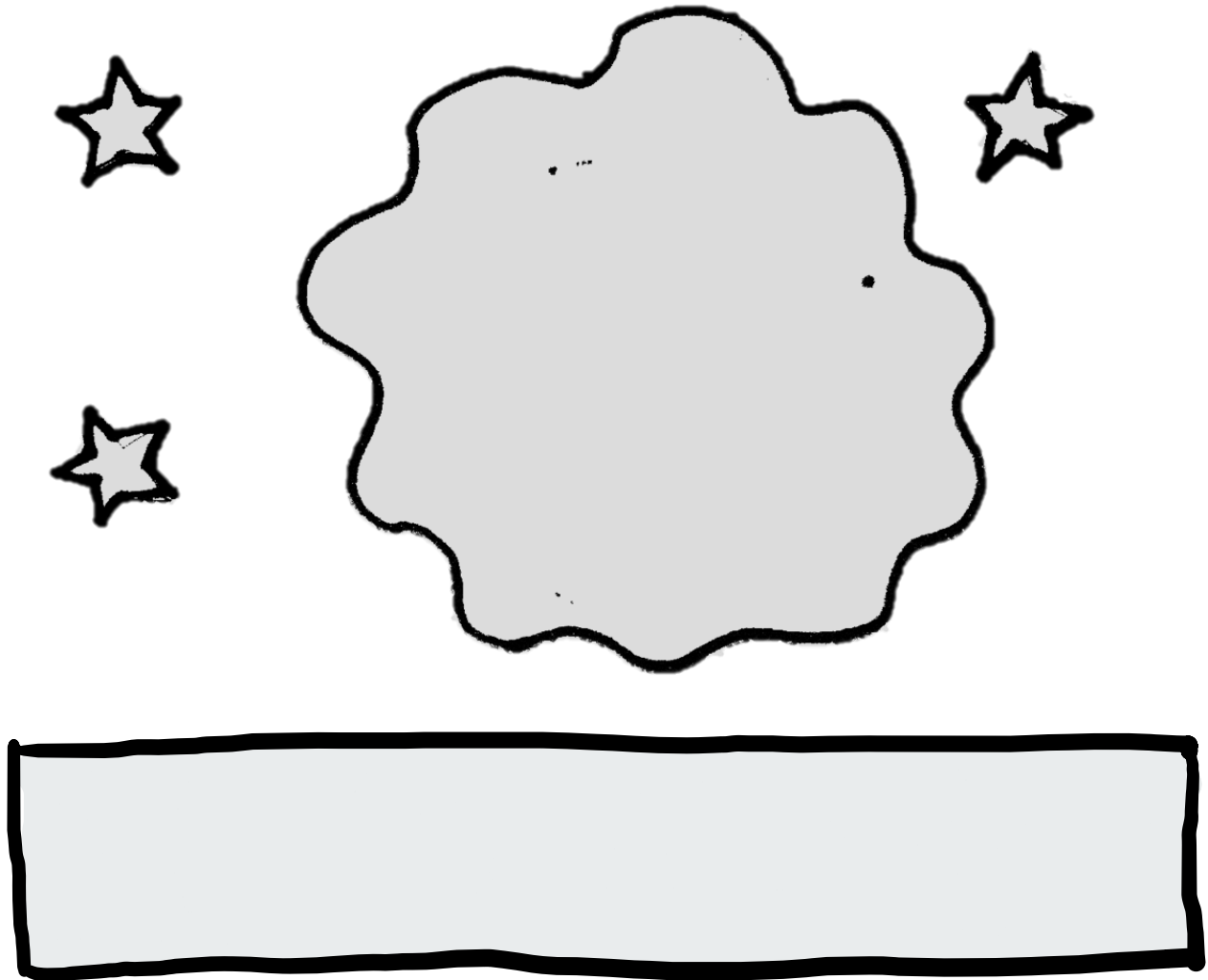
Layer 1: LED Circuit

Conductive tape on heavy lines

Foam tape on lighter lines (over conductive tape)



Solar Eclipse Slider



Layer 2: Corona and Stars Mask

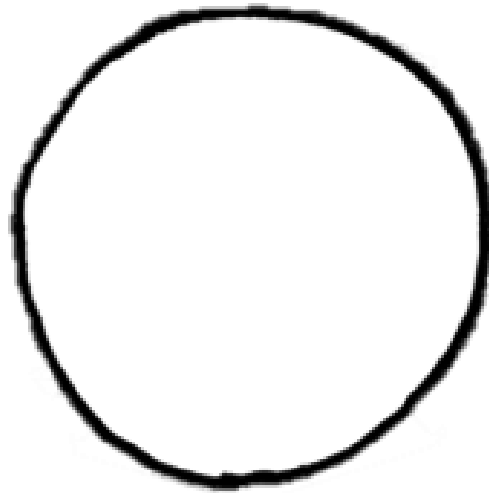
Cut out stars, corona, and rectangle

Tape vellum over openings

Tape flat to back of Layer 3 (match openings to LEDs)



Solar Eclipse Slider



Layer 3: Sun and Sky

Color in sun

Cut out gray rectangle only

Attach to Layer 1 with foam tape

Position moon slider in channel



Solar Eclipse Slider

Page 5: Earth

Cut off top of page along curve

Cut out gray rectangle

Wiggle slider handle through opening

Attach to Page 4 with foam tape



created by kathy ceceri for **CHIBI
TRONICS**

