

# EQUIPMENT & SUPPLIES/MATERIALS

## for making a "Climate Change EmergencyCap"

**SUBSTITUTE & UPCYCLE MATERIALS** you already have at home! See suggestions at bottom of this list; it's the ecologically responsible thing to do :)

### \*\*\*GLUE + PRINTER-INK RULE\*\*\*

The type of GLUE YOU USE (to attach color photos to your Cap), must have the "opposite" base of the INK YOUR PRINTER USES. INKJET PRINTERS use water-based dyes, so you can NOT use water-based GLUE like Elmer's. You must use RUBBER CEMENT with INKJET prints. [see Video] YOU CAN ONLY USE Elmer's Glue (water-based) with LASER PRINTS.

**\*\*\*WASH-HANDS FREQUENTLY TO KEEP CAP SMUDGE-FREE\*\*\*** because moisture of your fingers will "pick-up" the ink and transfer it to the next place you touch on your Cap! [Takes about 24-hrs. to thoroughly dry.]

### EQUIPMENT:

- \* color printer
- \* low-temperature glue-gun & low-temp glue sticks. They are often small, inexpensive, and important for kid-safety NOT to use high-temp ones! The glue dries almost instantly which is necessary for constructing the Cap's "shield" area for your climate slogan, and/or other foamcore/or cardboard constructions.
- \* scissors; normal [NOT "kids blunt" scissors] to use on paper and fabric.
- \* pencil & pencil-sharpener
- \* water & large old cup [for washing brushes], and gentle/white soap-bar like Ivory. [Google "how to wash artist acrylic paint brushes"]
- \* [OPTIONAL] DYMO Label Maker [I use "Organizer X-Press" model] & roll of its tape. [I like the embossed texture it adds to the cap's surface.]  
OR, YOU CAN JUST... print-out your TEXT lines on a printer, and then "raise" them on the cap's surface by gluing to strips of foamcore].
- \* [OPTIONAL] X-Acto knife + pkg. of blades [\*\*\*NOT\*\*\* for young children; parents could cut & "score" the foamcore]
- \* [OPTIONAL] metal ruler, 12-15" length (or, wooden ruler with metal inset strip along length). [Must use with X-Acto Knife]
- \* [OPTIONAL] an Alvin "cutting mat" [OR... you may already have a thin, polypropylene plastic "kitchen cutting board" that's not being used]; it's needed for cutting foamcore, etc.
- \* [OPTIONAL] a "kneaded eraser" [or \*colorless\* eraser]

### SUPPLIES/MATERIALS:

- \* Baseball cap [used or new] If NOT white, paint it with white Gesso first-coat, then CADMIUM RED background color. [Make sure to watch my "How-To Video" for trick on the cap not shrinking after paint dries!]
- \* PAINTS: Acrylic paints & medium [to add the color to]; matte = less shine re: docu-photos]; CADMIUM RED color [at least 1-oz.size tube]; other colors can be smaller tubes.

- \* BRUSHES: a small pkg. of different sized \*synthetic\* bristle brushes [NOT natural bristles]
- + 1 (one) 2-inch wide brush to paint cap's background Cadmium Red (emergency) color.
- \* pencil & pencil-sharpener
- \* roll of plastic [to cover the large Family work table]
- \* roll of 1"-wide masking tape [attach plastic to table]
- \* normal COPY PAPER, [or for brighter print colors, buy paper specific to YOUR PRINTER INK. Find a large enough size image for what you need on your Cap. [Google can tell you how]
- \* [OPTIONAL] Foamcore Board, White Surface with White Core, 8x10 sheet(s), 3/16" thick; can buy individually or order as a pack-of-10.
- \* [OPTIONAL] Sculpey [or other] polymer clay that oven-bakes or one that air-dries to harden [for fabricating miniatures to exact scale you need]
- \* [OPTIONAL]] Jovi Pat Mache, Ready-To-Use, Air-Hardening Papier Mache; 1.5 pound or less.
- \* [OPTIONAL] Pkg. of miniature, painted plastic animals, and flocked trees [expensive, but might be desired]
- \* [OPTIONAL] Balsa Wood sheets, 1/8"; [if a real-wood "look" is required for a structure]; can cut w/X-Acto Knife.
- \* [OPTIONAL] Pipe Cleaners; use as armatures for fabricating miniature animals not available online.
- \* [OPTIONAL] white poster board [one, medium-sized sheet or smaller]; if you want to use for "shield" instead of foamcore. [it may get damaged very quickly]
- \* [OPTIONAL] Krylon's UV-Resistant, Clear Spray Acrylic Coating [prevents outdoor color-fading & yellowing, moisture resistant, fast-drying. [Go online to read spraying technique to use.]

### **FREE: FROM YOUR HOME'S WASTE-STREAM:**

- \* [OPTIONAL] fabrics & buttons from old clothes, etc. [can be used to cover a poster board shape to add texture, pattern, and color to surface; can use Elmer's Glue]
- \* [OPTIONAL] large cardboard sheet from a box [use instead of buying a "cutting mat" to protect surface below it]
- \* [OPTIONAL] foam food container [can cut with kitchen scissors & can bend to perhaps use as a "shield" material but can't paint it so have to cover w/printed paper or fabric]
- \* [OPTIONAL] small wooden tongue depressor sticks [from ice cream sticks]
- \* [OPTIONAL] plastic egg-cartons [use to mix small amounts of acrylic paint colors; or it's small shapes could become miniature mountains or houses?]