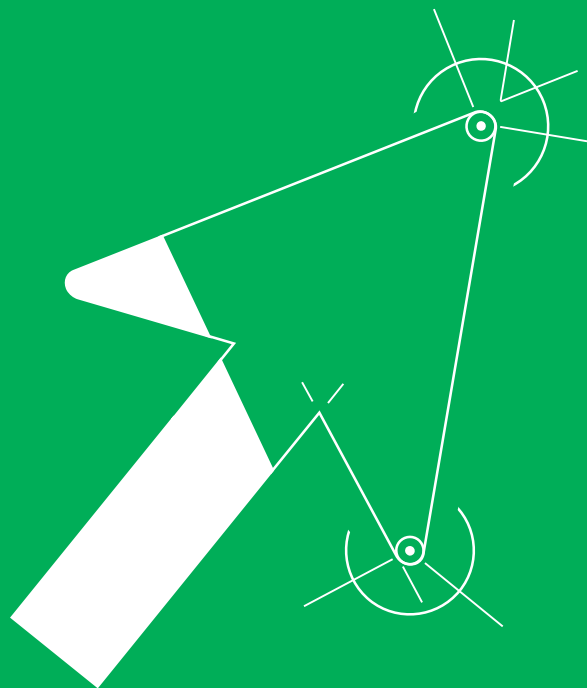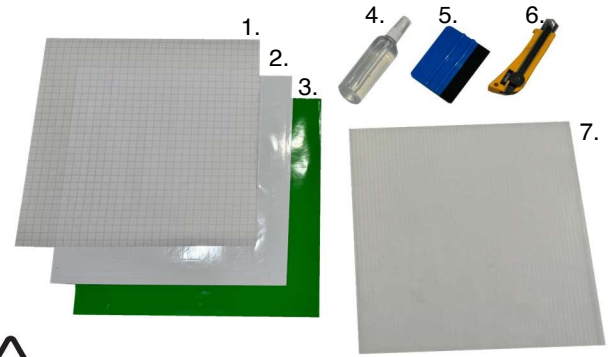# Road Sign

Printing & Signmaking

EXIT

Road Sign

Provided materials:
1. Transfer tape
2. Precut white vinyl
3. Green vinyl
4. Spray bottle
5. Squeegee
6. Knife
7. Coroplast sheet

1. Wipe the plastic board clean of any dust and oils.

2. Spray the soapy water solution on the coroplast sheet, ensuring complete coverage.

3. Remove the backing from the green vinyl and centre it on the wet coroplast. The soapy water should allow you to readjust the vinyl multiple times without permeant adhesion. Once you have the green vinyl covering all parts of the plastic board, use the squeegee to press out the water and air bubbles, starting from the centre of the sheet.
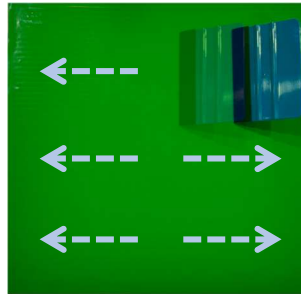
4. Trim any excess green vinyl past the edges of the coroplast sheet using a knife.

5. Carefully inspect the white precut vinyl sheet and determine which pieces are part of the design, and which sections are unused. Once you have identified the unused sections that must be removed, proceed to the next steps below to "weed" them out. When you are done, you should be left with a design similar to that shown in step 7.

5.1
Identify a corner to begin at.
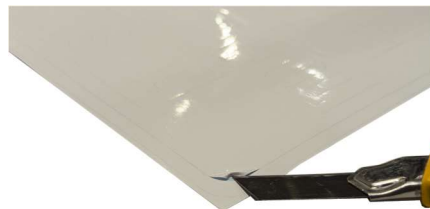
5.2
Poke the edge of the section with the tip of a knife or sharp object.
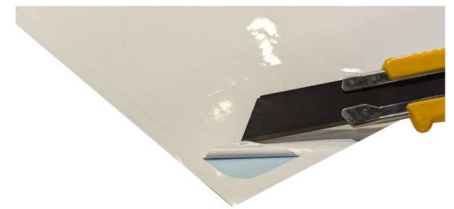
5.3
Lift and peel the section away from your starting point until the entire section is removed.

Try-A-Trade® Takeout

SkillsCanada Alberta

6. Be careful to leave the cut designs behind when peeling away the waste sections. You may have to push the cutouts down with your fingers while peeling the waste section up.
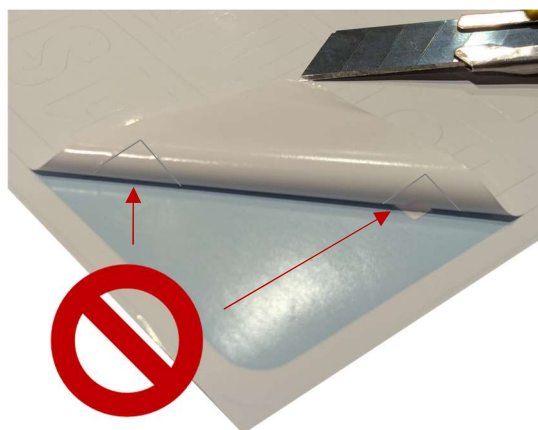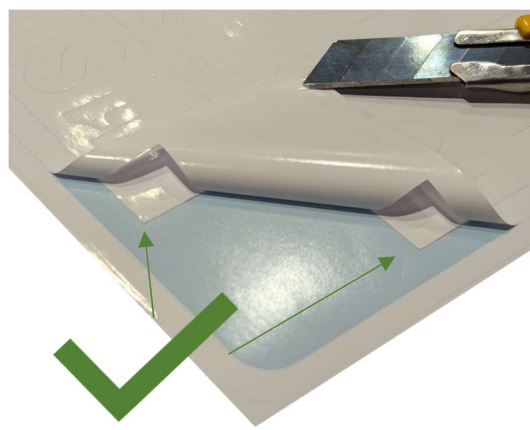
Cutouts pulled up   **Cutouts left behind**

7. Your "weeded" sheet should resemble Figure 1. Next, peel back one corner of the transfer tape backing, and roughly align it with one corner of the weeded sheet. Smoothly pull the backing off the transfer paper, covering the entire sheet with transfer tape (Fig. 2). Firmly press the transfer tape onto the vinyl design using the squeegee.

Fig. 1   **Fig. 2**   **Fig. 3**

Coroplast

Coroplast is a type of double-layered plastic sheeting, reinforced with perpendicular flutes. It is a strong and lightweight material commonly used for signage and displays.
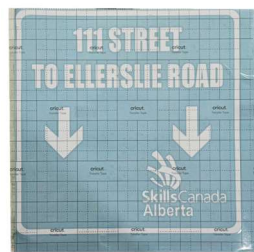
8. Once it is firmly attached, flip the sheet over and peel back the white vinyl sheet's backing paper, ensuring **all** designs and lettering remains stuck to the transfer paper (Fig. 4). Wet the surface of the green vinyl thoroughly with the soapy water solution and centre the transfer tape sheet on top (Fig. 5). Press out the water and air bubbles from the lettering using the squeegee. This step requires a firm hand to ensure the design adheres (Fig. 6).

Fig. 4   **Fig. 5**   **Fig. 6**

Weeding

Weeding is the process of removing cut sections of a vinyl sheet that are not used in the final design.

Try-A-Trade® Takeout Program	
Activity: Road Sign	V4
Skill Area: Printing & Signmaking	
CTS Cluster: TMT	

Project

Students learn the basics of sign manufacturing and bring a realistic road sign to life!
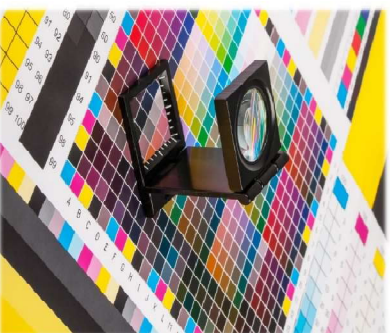
Printing & Signmaking ▤

Schooling

- Optional certificate courses in printing, graphic design, and marketing.
- On-the-job training.

Jobs

- Design, fabricate, assemble, install, and repair signage for storefronts, decals for vehicles, printed consumer media, and more.
- Average salary: $55,155.00/year
- Average wage: $28.12/hour

More information:

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