**Steps for Construction -**

**Integrated Magnetic Tactiles**

(Marlene Hebert – District Braille Transcriber)

Standards:

1. Buy/create tactile

2.    Mount tactile on card (card will give continuity for mounting with wire and/or glue).

\*Remember to leave enough room for Duck Tape edge!

3. a) Trace card on corrugated plastic board. Cut out and mount

carded tactile on board.

b) Using a 1 cm. wide strip of corrugated plastic board, cut against

grain, measure and cut to the top length of the mounted

tactile card.

4. a) Using the mounted tactile card, measure top to ½ width. Mark centre.

      b) Holding 1 cm strip together with tactile card, cut approx. .5 cm

on both sides of the mark and cut in approx. .5 cm. (sharp

scissors are necessary and a utility knife).

      5. a) Glue strip together with top of tactile card.

      b) Glue magnet in place (hot glue).

      \*Remember to place the magnet, in all tactiles, with the same

polarity (North/South). Use a word tile to have correct placement of magnet.

 6. Using Duck Tape, wrap the outside edges. (1/2 width strip Duck Tape for sides and bottom/Top – full width – this protects the magnet/sharp edges of corrugated plastic/and can use hot glue without melting the tape.)

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7. a) Braille Label word for tactile.

      b) Corrugated plastic strip cut to 2.5 cm. wide.

c) Using Word Block Guide, place 2.5 cm. wide word strip held tight to the bottom. Use the brailled word above the strip to interline.

(Word Block Guide: \*1.4 cm. straight edge for printing directly onto plastic corrugated strip. Tape edge for protection.

\*.4 cm. base

\* Back is choice measurement.)

8. a) Trace and cut one more word strip. At the bottom of the word strip, measure to ½ the length and mark.

b) Holding two strips together, cut approx. .5 cm. on either side of the mark and remove.

c) Hot glue two strips together and add magnet.

\*Remember polarity of magnets for matching with the tactile!

9. Place the word strip immediately with the tactile (Duck Tape will not melt!). Place a single layer of corrugated plastic under the bottom edge of the tactile. This will line the magnets up very well.

10. a) After allowing time for the glue to set remove the work block from the tactile. Tape the sides (1/2 width of Duck Tape), bottom (full width of tape), and top (full width of tape).

b) Add Velcro to the back of tactile card.

Magnets were purchased from Lee Valley.