

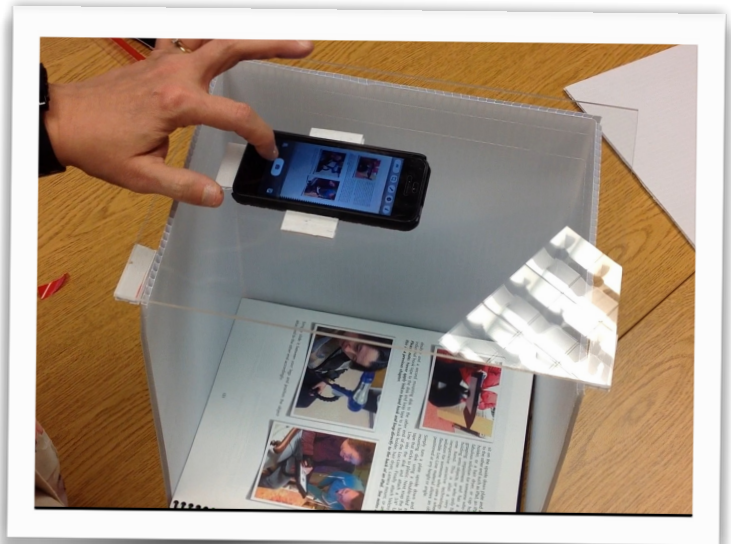
SCANNING BOX FOR TEXTGRABBER APP

Invented by Dr. Therese Willkomm, PhD, ATP

Overview:

Light Weight, Portable, Collapsible Scanning Box

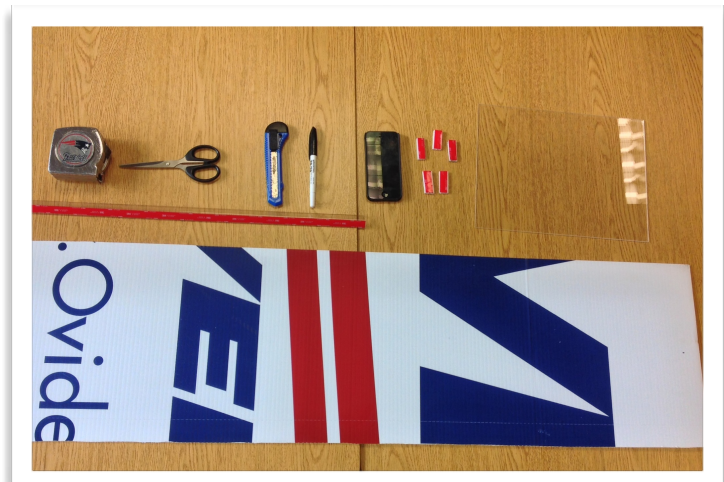
Reading papers on the fly can be very challenging for individuals who experience vision impairments. Scanning apps requires both the iPhone and document to be stable and not move. The Textgrabber app is my favorite. The OCR in this app is very accurate and works with voice over on the iPhone. This solution enables individuals to scan and read documents out loud using voice over on the iPhone and the Textgrabber app. It is designed for 8.5"x11" sheets of papers or documents. The app uses the built-in light on the iPhone to help enhance the image being scanned.



Materials Needed

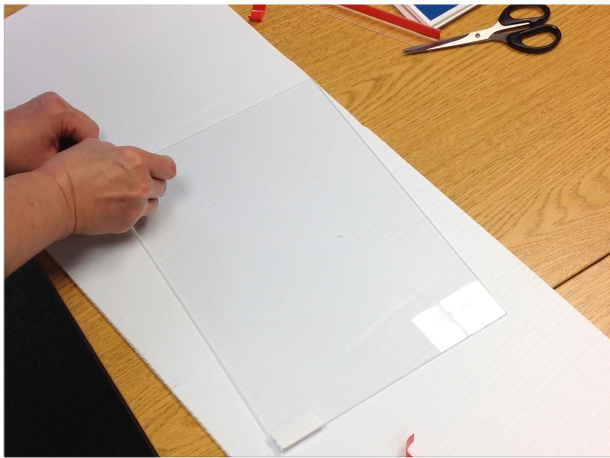
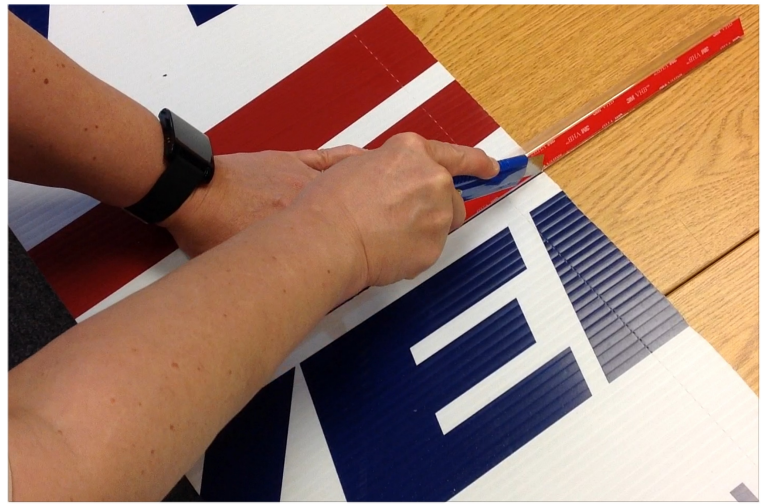
- 12"x 28" piece of corrugate plastic with flutes going across the 12".
- 12"x 9" piece of acrylic
- 5 pieces of 2.5" by 1/2" corrugated plastic with double sided tape on the bottom. These pieces are used for stoppers and to block the iPhone.
- A small hook and loop dot to hold it closed for transporting

Tools Needed: Utility Knife and Ruler



Step 1: Using a Utility knife score the piece of acrylic going with the grain at 8.5" from the left edge and 8.5" from the right edge. Note: Don't cut through both layers plastic.

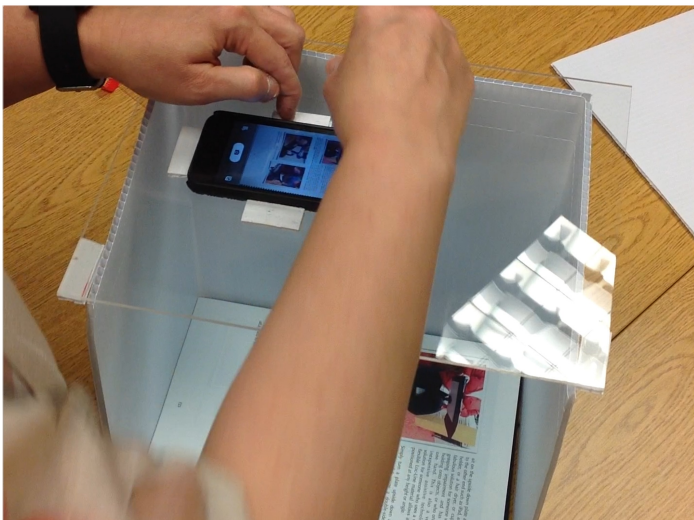
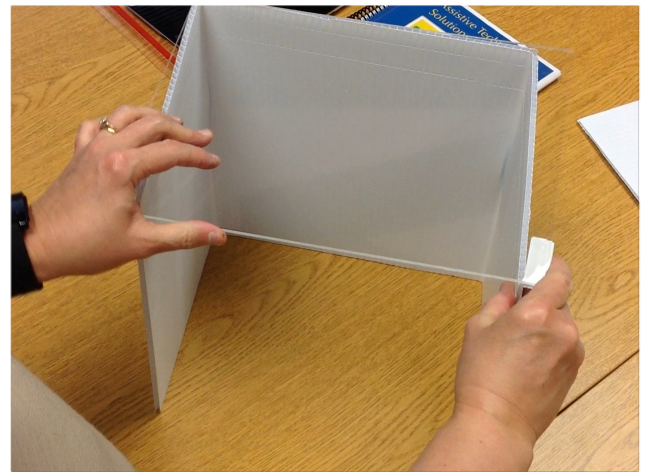
Step 2: Making the five stoppers by cutting a 1/2" wide piece of corrugated plastic and applying double side tape to the back and cut into five pieces.



Step 3: Stick one stopper on the front left edge and one on the right edge of the 9"/12" piece of acrylic

Step 4: Lift and fold the corrugated plastic and rest it on the table. Place the sheet of acrylic upside down so that the stoppers prevent the corrugated plastic from unfolding and making sure that the stoppers are flush with the left and right edges.

Step 5. Place a sheet of paper or a book inside the box and rest the iPhone on top of the sheet of acrylic. Turn the app on and move the iPhone into position so that the document image fills the screen on the iPhone.



Step 6: Stick your three stoppers around the perimeter of the iPhone. Therefore, you will never have to guess where the phone should go in the future. Then just enable voice over, snap the picture.