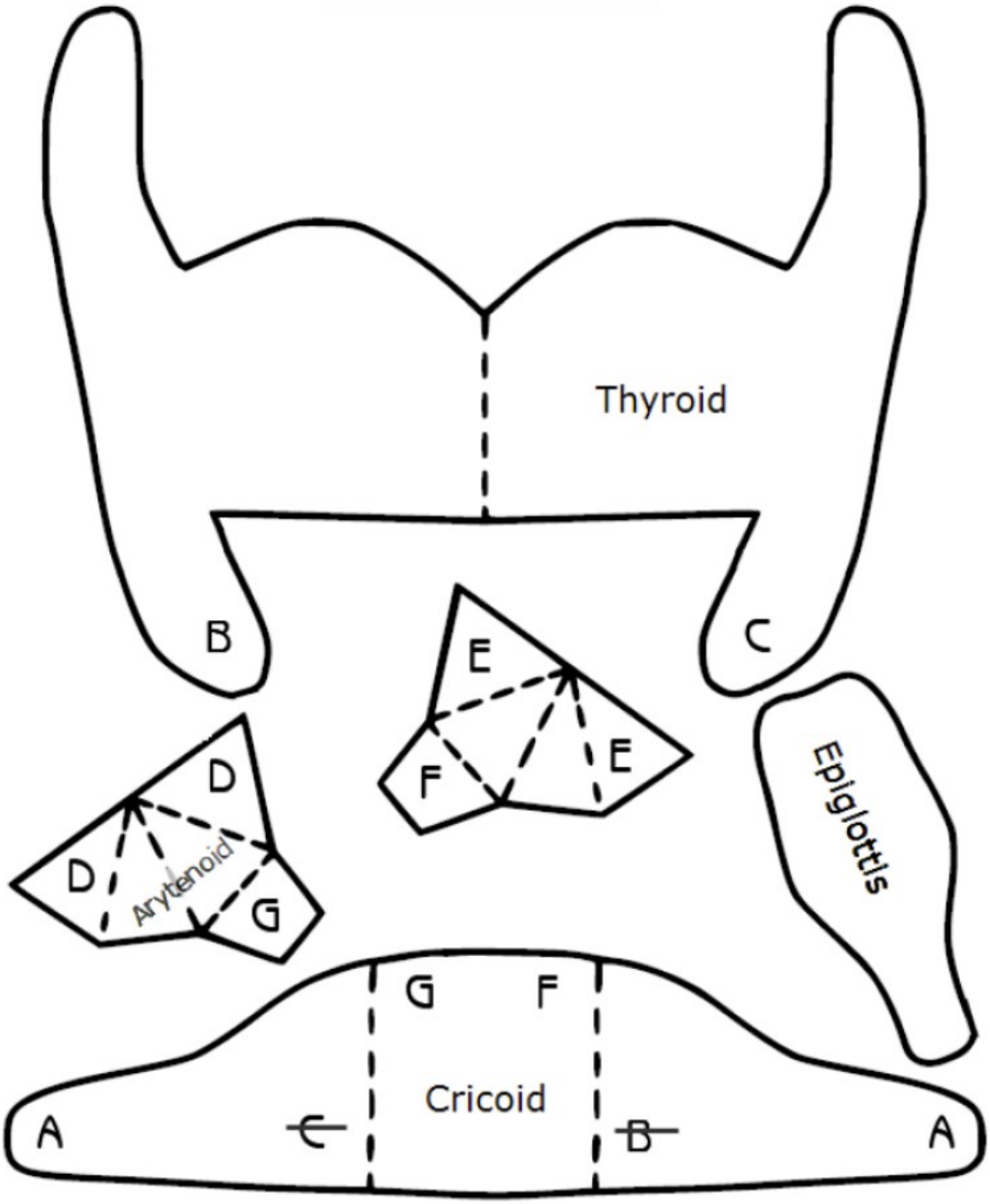

Watch Jeremy make this larynx step by step: go to https://www.youtube.com/Vocalprocess and scroll down to "Build Your Own Larynx from Vocal Process"

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Build Your Own Tilting Larynx: Instructions

You will need: One paper template
Scissors
Glue
4 stud earrings or small paper fasteners

Preparation

1. Cut around the thick outlines of the thyroid cartilage and the cricoid cartilage, the two arytenoids and the epiglottis.
2. Fold along the dotted lines
3. Make a small horizontal cut along the thick lines through the letters B and C on the cricoid cartilage.

Gluing

Cricoid cartilage

4. Glue the cricoid cartilage to make a complete 'ring' (see picture above) by gluing one A on top of the other. The other letters should be on the outside of the ring.

Arytenoid cartilages

5. Glue the first arytenoid cartilage to form a three-sided pyramid (glue face D on top of the other face D). Leave the rectangular flap at the bottom free.
6. Repeat with the other arytenoid cartilage, gluing face E on top of the other face E.

Building the larynx with the paper fasteners

Arytenoid cartilages to Cricoid cartilage

7. Join the first arytenoid cartilage onto the cricoid cartilage, using a paper fastener or stud earring. Line the F flap up on the outside of the cricoid 'ring', with the arytenoid pyramid overhanging inside. Then secure with a paper fastener, pushing through flap F on the arytenoid cartilage and point F on the cricoid cartilage, and opening the fastener up inside the ring to secure it.
8. Repeat with the second arytenoid and paper fastener, lining up the G flap with point G on the cricoid 'ring'. Both pyramids should overhang inside the ring and above it.

Cricoid cartilage to Thyroid cartilage

9. Join the thyroid cartilage to the cricoid cartilage, using the remaining two earrings/paper fasteners. Line up point B on the thyroid cartilage to point B on the cricoid cartilage. The thyroid should be outside the cricoid 'ring' with the long arms pointing up above the arytenoids. Push the paper fastener through point B on the thyroid cartilage, and through the slot you cut earlier on point B of the cricoid 'ring'. Open the fastener to secure it.
10. Repeat with point C on the thyroid cartilage, securing it with the paper fastener through the slot at point C on the cricoid 'ring'. The thyroid cartilage should sit outside the cricoid 'ring', with the folded "notch" overhanging the joined narrow section of the ring.

Epiglottis to Thyroid cartilage (optional)

11. The narrow tip of the epiglottis glues onto the inside of the thyroid cartilage, approximately two thirds of the way down. The body of the epiglottis then sits up above the thyroid notch.

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