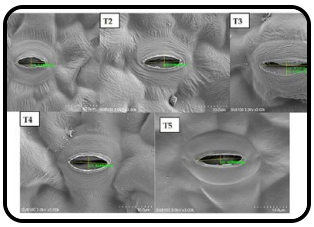
🌿 Stomata Peel (Observer Jobs)

Biology A · Unit 2 · Level 2



Name: _____

A4.5 Stomata peel: clear nail polish on the upper and lower leaf, tape peel onto a slide, count stomata at 400x.

🧺 Lab stuff

- ☐ 🌿 **1** small leaf
- ☐ 💅 **clear nail polish** STAFF paints it
- ☐ 🩹 **clear tape** lifts the peel
- ☐ 🔬 **1 slide** + microscope

🌱 Steps: check each box when you finish

1. 👀 **Watch** staff paint clear polish on the top and bottom of the leaf. Wait until dry. ☐
2. 🩹 **Press** tape on the dry polish and peel gently. ☐
3. 🧫 **Tape** the top peel on the left of the slide, the bottom peel on the right. ☐
4. 🔬 **Find** stomata on low power, then switch to 400x. ☐
5. 🔢 **Count** stomata in one view for the top and the bottom. ☐
6. 🧠 **Compare**: which side has more? Why? ☐

📋 Data

	Magnification	Stomata counted
Upper epidermis		
Lower epidermis		

🚧 **Under construction:** Our students only watch the nail polish step (staff paints). Please confirm the observer jobs, and which plant's leaves she uses. *Check with Ms. Dunham.*