👩🏾‍🏫 Staff Guide · Stomata Peel (Observer Jobs) (Level 2)

Biology A · Unit 2 · goes with the class “A4.5 Stomata Peel” (5 pts). Level 2 = about 3rd-grade reading. Same activity, same day, same points as the class.

1. The pieces

- **Lab card**: A4.5 Stomata peel: clear nail polish on the upper and lower leaf, tape peel onto a slide, count stomata at 400x. 6 steps, one per box.
- **Prep sheet**: jobs, tools checklist, safety. Do it the day before or at the start.
- **Slides**: jobs, safety, steps, 2 checks.
- **Reflection**: replaces the written parts.
- **Game**: on the class site.

2. Prompts while they work

- “Point to a tiny hole.”
- “Top or bottom: which has more?”

3. Modifications

- Staff paints; student peels
- Questions 1 and 2 only

4. What to grade (5 pts)

- Same 5 points: data + reflection
- Pointing, saying, or circling counts as a full answer.
- Modified grading only as the IEP allows. Check with the case manager.

5. Ask

- Mr. Driver, Room 113 (SLE).

🚧 Under construction (check with Ms. Dunham)

- **This packet**: Our students only watch the nail polish step (staff paints). Please confirm the observer jobs, and which plant's leaves she uses.

6. Photo credits (open licenses)

Stomata in the lower epidermis of a melon leaf with powdery mildew.jpg — Tian, M.; Yu, R.; Yang, W,; Guo, S.; Liu, S.; Du, H.; Liang, J.; Zhang, X., CC BY 4.0, Wikimedia Commons