👩🏾‍🏫 Staff Guide · Biology A · Unit 2 Algae & Photosynthesis (Level 2)

Level 2 = about 3rd-grade reading. SLE students stay in Ms. Dunham's lesson and use these pieces next to it: same topics, same order, same points.

1. How the pieces line up

Gen ed piece (Canvas: "Unit 2 Algae Biofuel: A1 A look at algae (microscope), A2 Algae growth lab, A4 Pop bead photosynthesis, A4 Elodea & snails, A4.5 Stomata peel, Photosynthesis diagram, Photosynthesis video quiz, Scientific writing practice")	**Level 2 piece**
A1 A look at algae (microscope)	Slides + notes part A (microscope parts, magnification)
A2 Algae growth lab (multi-day) + scientific writing	Algae Growth Lab packet (🔬 Labs & Projects)
A4 Pop bead photosynthesis + Photosynthesis diagram	Pop Bead packet + notes part B
A4 Elodea & snails (BTB demo)	Elodea & Snails packet (observer jobs)
A4.5 Stomata peel + stomata review	Stomata Peel packet + notes part C
Photosynthesis video quiz	🚧 Not modified: the video and questions are missing
Class slides	Deck: 19 slides, Words to Know first, hold-up-1-2-3 checks, recap
Her worksheets (grouped into lessons)	Guided notes: 17 items + key
Class quiz / notes check	Quiz: 10 questions + key
Vocabulary	10 picture cards (cut apart)
—	2 games on the class site: matching + step-by-step order

2. Supports built in

- Short lines, key words bold, word bank in every notes box
- Quiz: 3 choices, no "all of the above"
- Picture equation at Level 1: ☀️ + 💧 + 💨 → 🍬 + 🫧
- Level 2 uses word equations only, no chemical formulas

3. Add these as the IEP allows

- Read-aloud · extended time · separate setting
- Printed slides · videos paused at the "look for" part

4. What to grade

- Unit quiz can stand in for the photosynthesis part of the Algae test
- **Notes**: same points as her worksheets for that lesson when complete.
- **Quiz**: score, then scale to the class points.
- These are **modifications** (less content). The IEP must allow modified grading. Check with the case manager.

5. Who to ask

- Mr. Driver, Room 113 (SLE): changes and IEP questions.
- Facts we could not confirm in her files say "check with Ms. Dunham".

🚧 Under construction (check with Ms. Dunham)

- **Photosynthesis Video Quiz**: Its questions are inside the 63 MB video that was left out of the copy; the answer sheet is just lines 1-15. Need the video or her question list.

6. Photo credits (open licenses)

Diatoms through the microscope.jpg — Prof. Gordon T. Taylor, Stony Brook University, Public domain, Wikimedia Commons · 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