👩‍🏫 Staff Guide · Biology A · Unit 5 Breathing, Exercise & Energy (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 3 Diabetes: A2 Exercise Lab, A3 Combustion, A4 Yeast Feast, A5 Combustion & Exercise, A5 Respiration (ATP video + ppt_ATP), Heart/Lungs, A7 Putting It All Together, Metabolic pathways")	**Level 2 piece**
A2 Exercise Lab	Exercise lab packet + notes part A
A3 Combustion + A3.5 Combustion & Exercise (Mallow Out, Liquid on Fire)	Combustion demo packet + notes part B (grouped)
A4 Yeast Feast	Yeast feast packet + notes part C
A5 Respiration (ATP video, yeast balloons) + Heart/Lungs + Metabolic pathways	Notes part D + slides (grouped as one lesson)
Snail/Elodea day 1 + final	Elodea & Snails packet in Unit 2 (her demo sheet was found)
Plant sprout lab	🚧 Under construction (title only)
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 anchors: 🔥 cells burn food, 🪙 ATP = energy coins, 🟡 BTB yellow = CO2
- Level 1: no formulas. Level 2: word equation only

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

- Quiz stands in for this part of the paper Diabetes 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)

- **Plant sprout lab**: Only a 4-question data quiz; no lab directions.
- **A5 Respiration amounts**: Her yeast-balloon lab leaves the grams of yeast and sugar blank (set by her).

💗 Sensitive topic note

Her A3 Combustion compares a weight-loss contestant (Rachel, Biggest Loser) to a marshmallow and uses before/after photos. We left the person and the photos out: our version talks only about the marshmallow and "our cells." Exercise: follow each student's IEP/504 limits.

6. Photo credits (open licenses)

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