👩🏾‍🏫 Staff Guide · Making & Burning Biodiesel (Observer Jobs) (Level 2)

Biology A · Unit 3 · goes with the class “A6 Making Biofuel, Day 2 Burning Biofuel, Combustion Lab report” (5 + 5 pts). Level 2 = about 3rd-grade reading. Same activity, same day, same points as the class.

1. The pieces

- **Observer card**: A6 Making Biofuel + Day 2 burning + Combustion Lab: our students observe and record; staff or the teacher handle methanol, the catalyst and the flame. 8 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

- “What color is the oil?”
- “Is the water hotter or colder now?”
- “Point to the top layer.”

3. Modifications

- Observer job only (no chemicals, no flame)
- Data table given; no heat-of-combustion math (kJ/g)
- Energy question with a word bank

4. What to grade (5 + 5 pts)

- Same 5 + 5 points: data table, energy question, 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**: Ms. Dunham said in Canvas the teacher adds the catalyst. Please confirm our students' observer roles and where the safety line goes.

6. Photo credits (open licenses)

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