🛢️ Making & Burning Biodiesel (Observer Jobs)

Biology A · Unit 3 · Level 1



Name: _____

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

🧺 What I need (observer): get it. Check ☐.

- ☐ 🥽 **1** pair of goggles (on the whole time)
- ☐ 📋 **1** observer card + pencil
- ☐ ⏱️ **1** timer or clock
- ☐ 📷 **1** tablet for photos (if allowed)

🌱 Do one box. Check ☐ it.

1. 🌻 Look at the **oil**. Say the color. ☐
2. ⏱️ Teacher shakes it. I time **10 minutes**. ☐
3. 🥞 Next day: see **2 layers**. ☐
4. 🔥 Teacher burns the fuel. I **watch** from my spot. ☐
5. 🌡️ The water gets **hot**. I say the number. ☐
6. 📷 I take a photo or check ☐. ☐

📋 My data. Circle or write.

Oil color: 🟡 yellow 🟠 orange ⚪ clear

2 layers? ✅ yes ❌ no

Water got: 🔥 hotter 🧊 colder

💡 *This lab is for watching and recording. Our students never handle methanol, potassium hydroxide, or the flame.*

🚧 **Under construction:** Ms. Dunham said in Canvas the teacher adds the catalyst. Please confirm our students' observer roles and where the safety line goes. *Check with Ms. Dunham.*