🔥 Combustion Demo: Mallow Out

Biology A · Unit 5 · Level 2



Name: _____

A3 Combustion + A3.5 Part 2 “Mallow Out” and Part 3 “Liquid on Fire” (ethanol): teacher demo, our students watch and record.

🧺 Demo (teacher does it)

- ☐ 🍡 **1** marshmallow on a skewer
- ☐ ⚖️ **1** scale
- ☐ 🔥 **1** lighter (teacher only)
- ☐ 🕯️ **1** tea-light cup with ethanol (teacher only)

🌱 Steps: check each box when you finish

1. ⚖️ **Record** the marshmallow's mass before burning. ☐
2. 🔥 **Watch** the teacher burn it for a few minutes. ☐
3. ⏳ **Wait** 10 minutes. Record the mass after. ☐
4. ➖ **Find** the difference (before − after). ☐
5. 🕯️ **Watch** the ethanol burn (30 seconds). Record what you see. ☐
6. 💨 **Explain**: the lost mass left as carbon dioxide and water. ☐

📋 Data

Mass before (g)	Mass after (g)	Difference (g)

Ethanol: what did you see? _____