



Osprey Design Experience Weekly Memo

TEAM NAME: Green Ellipsis

DATE: 3/1/2024

ATTACHMENTS: N/A

WORK COMPLETED:

- Finalized statistical analysis plan for experiment rounds
- Fabricated holding jig for ultrasonic and friction welding methods
- Completed round 1 trials for silicone, simple soldering, nichrome, and perforation methods
- Redesigned evaluation mechanisms for tension and bending
- Adapted ender 3 printer to be able to print PET
- Processed more bottles into filament

WORK TO BE COMPLETED NEXT WEEK:

- Print evaluation mechanisms
- Begin evaluations on methods that passed round 1

TEAM HOURS:

Name	Hours
Ryan Hunter	22 hours
Christopher Zervos	7 hours
Jacob Davis	10 hours
Allison Wolfson	8 hours
Total	47 hours

Author: Allison Wolfson