FISH @ UVA

Make-A-Thon Participant Kit

Medical Device Make-A-Thon | November 5–8, 2026 | University of Virginia

Each team will receive a kit containing the following materials to support prototyping and device development throughout the Make-A-Thon.

Kit Contents:

- Cutting mat (1)
- Elegoo Arduino Kit (1)
- Gorilla Hot Glue Gun (1)
- Scissors (1)
- 9-volt Connector (1)
- 9-volt battery (1)
- X-Acto Knife (1)
- Hot Glue Sticks (5)
- Safety Goggles (2)
- Safety QR Code Guide

Important Safety Rules:

1. Eye Protection: Wear safety goggles when cutting, soldering (at permitted stations), or working with materials that may produce flying debris.
2. Hot Glue Gun: Use with caution, as the nozzle and melted glue can cause burns. Always place the glue gun on a stable, heat-resistant surface when not in use. Never touch the nozzle or hot glue.
3. Cutting Tools: Always cut away from yourself and others. Use the provided cutting mat when using the X-Acto knife. Keep blades covered or safely stored when not in use.
4. Electrical Components: Handle Arduino components, batteries, and connectors carefully. Avoid short-circuiting electrical connections, and disconnect power before modifying circuits.
5. Workspace Safety: Keep workspaces clean and organized. Store tools safely when not in use, and promptly dispose of scraps and waste.

6. Injury or Equipment Issues: Immediately notify an event organizer of any injury, unsafe condition, or damaged equipment.

7. **Protect University Property:** Use all tools and materials only on designated work surfaces, such as the provided cutting mats. Do not cut, puncture, scratch, or otherwise damage university furniture, tables, walls, floors, or other facilities. Hot glue should only be applied to project materials and never directly to university property. Please take care to prevent spills, adhesive residue, or other damage to shared spaces. Any accidental damage should be reported to an event organizer immediately.

Please remember: Safety is everyone's responsibility. Use all tools and materials as intended, follow the Safety QR Code Guide, and ask an event organizer if you are unsure how to safely use any equipment.

End-of-Event Return Expectations:

At the conclusion of the Make-A-Thon, please return the following:

- Cutting mat
- Gorilla Hot Glue Gun
- Scissors
- X-Acto Knife
- Safety Goggles (x2)
- Elegoo Arduino kit
- 9 volt battery (x1)
- Any leftover wires, LEDs, etc.
- Any unused materials that can be reused by future teams

Teams are welcome to keep 3D printed or cardboard prototypes, and the items above can be returned as part of the final product if you want to keep it intact.

Workspace Cleanliness & Responsibility:

Please be respectful of the spaces and facilities provided throughout the event. We kindly ask that all participants keep their work areas clean and organized, properly dispose of waste, and return shared equipment and materials to their designated locations at the end of each work session.

Maintaining clean and orderly workspaces is essential to preserve our good standing with the School of Engineering and ensuring that we can continue hosting this event in the future. Your cooperation helps make it possible for us to hold the Make-A-Thon again and again!

Thank you for helping us take care of the spaces that make this event possible!