



## How to Set Up Your Tech Training in 3 Easy Steps

As a part of your MOUSE Squad membership, you and your Squad can have a fun, specialized, hands-on tech workshop at your school any time this year! Workshops are about two hours long. Here's how you set one up...

### Step 1: Decide what kind of training you would like!



If you are a newer MOUSE Squad or you have a lot of new students, please select a workshop that focuses on a topic from the MOUSE Squad Certification. Every workshop also includes a fun teambuilding activity! Please note that you don't have to have worked on the corresponding module in order to sign up for any of these workshops.

#### HTML Basics

In this workshop, students take a creative, hands-on approach to learn the basics of HTML coding, an essential building block of advanced web design! If they haven't already, your students will also have the chance to create their user accounts on [mousesquad.org](https://mousesquad.org).

**Certification alignment:** Module 1 - Building Your MOUSE Squad

**What you need for this workshop:** A computer connected to a projector, pens or markers and paper for all students. If students are creating their user accounts, you will need one computer for every 1-2 students.

#### Help Desk Basics

This workshop introduces your students to the basics of building an active MOUSE Squad! Students will learn what a help desk is and how it works, complete an activity using the CaseTracker tool, and learn some basic techniques for troubleshooting.

**Certification alignment:** Module 2 - Running Your Help Desk; Module 6 - Troubleshooting

**What you need for this workshop:** One internet-connected computer for every 4-6 students. A computer connected to a projector is helpful but not required.

#### Networking

Students will learn the basic concepts behind how computers connect to the Internet, the function of different network devices in a local area network. This high-energy workshop includes an obstacle course where students will act out packets moving through a LAN, and a hands-on activity where students design a working network for their school.

**Certification alignment:** Module 9 - Networking

**What you need for this workshop:** Projector and a computer with an internet connection. Please note: this workshop should be held in a classroom with enough open space for students to participate in an on-your-feet group activity.

#### Hardware

In this hands-on workshop, students will learn to identify the major hardware components of a desktop computer and name their functions, and will open the computer casing to take apart and reassemble a computer tower.

**Certification alignment:** Module 3 - Desktops and Laptops

**What you need for this workshop:** Old computer towers that students can take apart and reassemble (we recommend one for every four students).



If you are a Squad with some tech experience, you can also consider a topic from one of the Specialist Certifications:



## Garage Robotics

This workshop introduces students to the fundamentals of circuitry using a prototyping tool called a “breadboard.” Students will build a simple circuit to power an LED light and learn to add a switch and sensors, and will be on the road to their Garage Robotics Certification!

**Certification alignment:** Garage Robotics Level 1 - Circuitry

**What you need for this workshop:** Computer with projector; table space for students to work. Ideally this workshop should be held in a classroom or library, not a computer lab.



## Serious Games

This workshop introduces students to the concepts of game design and Serious Games, games that teach about serious world issues through play. Students will brainstorm ideas for new Serious Games and create their first draft of a game.

**Certification alignment:** Serious Games Level 1 - Expert Gamer; Serious Games Level 2 - Game Activist

**What you need for this workshop:** One internet-connected computer for every 4-6 students; a computer connected to a project. Please note this workshop should be held in a room with tables cleared for student work.

## Step 2: Decide if you want to host an open tech training!

An Open Tech Training is a tech training where your Training Specialist invites MOUSE Squads from nearby schools to attend, giving your students the opportunity to meet and collaborate with their peers at other schools. If you're not able to attend Team Training or UnPlugged events during the school year, this is a great way to give your students a similar experience!

## Step 3: Schedule your training with your Training Specialist!



It's helpful if you can let your Training Specialist know:

- ▶ Which of the above topics would you like your training to focus on?
- ▶ How many students do you expect will attend?
- ▶ Do your students have any special needs that your Training Specialist should be aware of?
- ▶ Would you like to make this an open training?
- ▶ Please provide 2-3 possible dates and times for this training. For example:

Any Wednesday from 3 PM to 5 PM  
Thursday 4/11 9 AM to 11 PM

Trainings are generally 2 hours in length--if it's not possible to block out 2 hours, please let your Training Specialist know.

To contact your Training Specialist:

**Alex Fleming** - alex@mouse.org

**Maggie Muldoon** - maggie@mousesquad.org

**Patrick Weaver** - patrick@mousesquad.org

**Rachel Brown** - rachel@mousesquad.org



Not sure who your Training Specialist is?  
Email naomi@mouse.org.