



# Free software teaching materials



**FREE SOFTWARE**  
FOUNDATION

# What's the FSF?

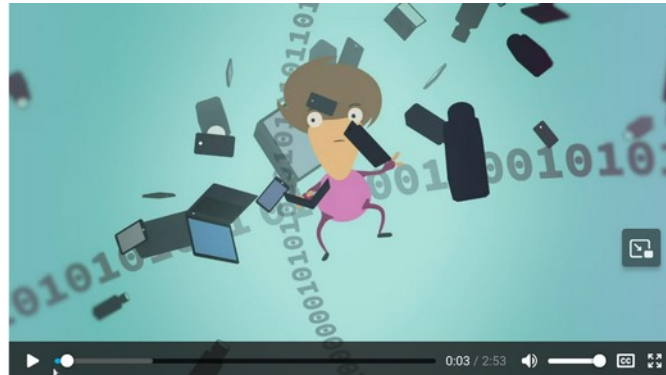
- **Nonprofit:** almost exclusively powered by associate members and individual donors
- **Mission:** promote computer user freedom
- **Website:** <https://www.fsf.org/>
- **Turns forty this year:** <https://www.fsf.org/fsf40/>



# What does the FSF?

- **Advocate for your rights as a computer user with campaigns like**
  - Freedom ladder
  - Fight to Repair
  - Upgrade from Windows
  - Defective by Design ...
- **Sponsor the GNU Project**
- **Maintain the Free Software Definition**
- **Publish the GNU General Public License (GNU GPL)**

# Videos



<https://framatable.org/a/fsf/video-channels>

## 1) How strongly do you agree or disagree to the following statements:

- I would like to be able to copy software and run it on any device I wish.
- I would like to be able to study the software I use and find out how it works.
- I would like to be able to modify software to adapt it to my needs.

## 2) Have you ever shared a book with a friend or family member?

## 3) Have you ever shared an ebook?

## 4) Have you ever gifted a video game or music to a friend?

## 5) Have you ever shared a program or source code with a fellow student?

# LibreOffice presentation







## Free software

Why should you  
care about it?

[Your name], [Your position]

## THE FOUR FREEDOMS

The Four Freedoms are the conditions that define free software – software that respects your freedom and community. The Free Software Foundation (FSF) protects your right to control the technology that you use and own.

|   |  |
|---|--|
| <p><b>FREEDOM 0:<br/>USE</b></p>  <p>Run the program as you wish,<br/>for any purpose.</p>                                   | <p><b>FREEDOM 1:<br/>STUDY AND<br/>EDIT/IMPROVE</b></p>  <p>Study how the program works, and change it so<br/>that it does your computing as you wish. This<br/>requires access to source code.</p>                     |
| <p><b>FREEDOM 2:<br/>SHARE COPIES<br/>OF ORIGINAL</b></p>  <p>Redistribute copies of the original<br/>software program.</p> | <p><b>FREEDOM 3:<br/>SHARE COPIES<br/>OF YOUR<br/>CHANGES</b></p>  <p>Distribute copies of your modified versions to<br/>others, so the entire community can benefit.<br/>This also requires access to source code.</p> |



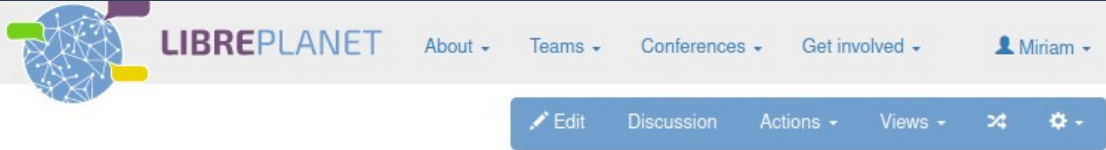
## The printer story – How the free software movement started

“Xerox gave the Artificial Intelligence Lab, where I worked, a laser printer, and this was a really handsome gift, because it was the first time anybody outside Xerox had a laser printer. It was very fast, printed a page a second, very fine in many respects, but it was unreliable, because it was really a high-speed office copier that had been modified into a printer. And, you know, copiers jam, but there's somebody there to fix them. The printer jammed and nobody saw. So it stayed jammed for a long time.

Well, we had an idea for how to deal with this problem. Change it so that whenever the printer gets a jam, the machine that runs the printer can tell our timesharing machine, and tell the users who are waiting for printouts, or something like that, you know, tell them, go fix the printer. Because if they only knew it was jammed, of course, if you're waiting for a printout and you know that the printer is jammed, you don't want to sit and wait forever, you're going to go fix it.



# Where to find these materials?



## Teaching Materials

This page contains teaching materials about free software. No matter if you are a teacher looking for materials for your classroom, a student planning on showing fellow students what free software is all about, or a free software activist going on a classroom visit, you might find these materials useful and may use them as stated in the licenses attached to the materials.

Looking for volunteers to teach your students about free software? Have a look at the [Group:Teaching\\_Volunteers](#).

Have you created teaching materials about free software yourself? You are welcome to add them to the corresponding section below. Please use the following template:

### Template

Title

Description:

Potential use cases:

License:

Files:

### Presentations

Presentation for a high school class

[libreplanet.org/wiki/Teaching\\_Materials](https://libreplanet.org/wiki/Teaching_Materials)

[fsf.org/resources/materials](https://fsf.org/resources/materials)

# Classroom visit at Everett HS



# Interesting topics

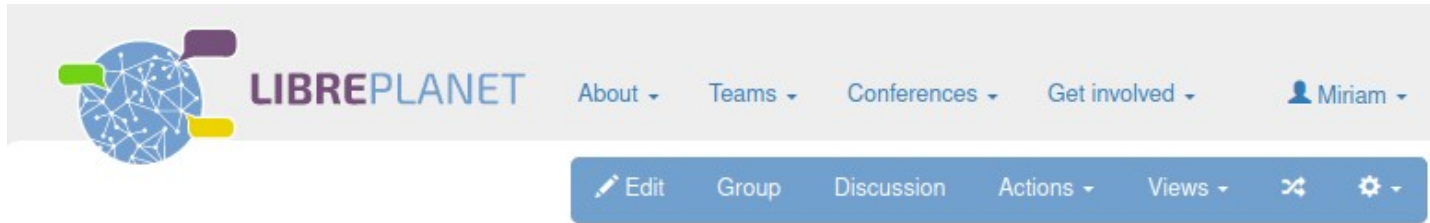
- Four freedoms
- Free social media
- Mobile phone freedom
- Examples of free software the students may already use
- Free software and cybersecurity
- Importance of free software in a free society
- Apple devices
- Email encryption → see <https://emailselfdefense.fsf.org/>
- Privacy
- ...

# Typical questions

- **Is it safe to use free software?**
- **What are examples of GNU software that is widely used?**
- **How can I get involved with free software projects?**
- **How can you make money with free software?**
- **What's the issue with Alexa?**

- **Introduction to the command line**
- **Graphic editors: GIMP, Inkscape, Krita**
- **Video editing: Blender, Kdenlive**
- **Recording and simple audio editing: Audacity**
- **Capturing and streaming videos: OBS studio**
- **Mobile phone freedom: install F-droid and some basic apps**
- **OpenStreetMap editing**

# Wanted: Teaching volunteers



## Group: **Teaching Volunteers**

### Teaching volunteers

This is a page for volunteers who are willing to teach students about free software.

Would you like to volunteer to do classroom visits at schools in your area and tell the students what free software is all about? Add your name, availability, and expertise below and email your contact details to info at fsf dot org!

Are you a teacher looking for volunteers to teach your students about free software? Have a look if there's a volunteer in your area or email us at campaigns at fsf dot org.

[libreplanet.org/wiki/Group:Teaching\\_Volunteers](https://libreplanet.org/wiki/Group:Teaching_Volunteers)

Support the FSF's work



[fsf.org/join](https://fsf.org/join)

Thanks for listening.

Now it's your turn: upload your teaching materials to [https://libreplanet.org/wiki/Teaching\\_Materials](https://libreplanet.org/wiki/Teaching_Materials) so that others can use them as well!



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