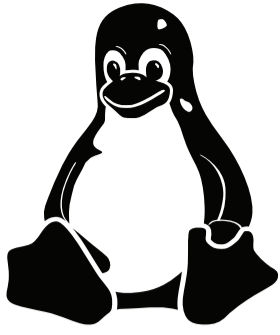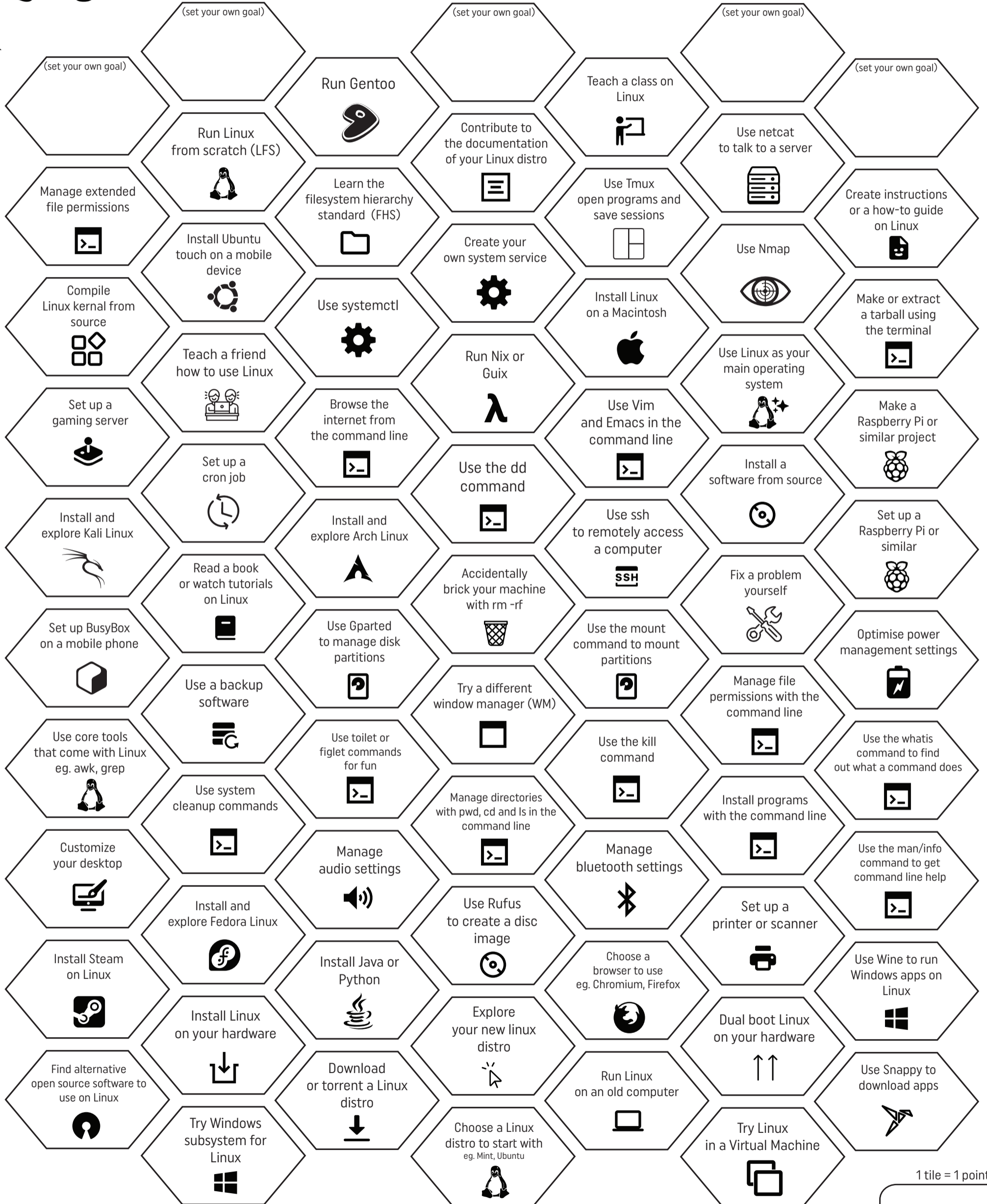# LINUX

## Skill Tree: Color in the boxes and level up your skills

Use for individuals or as a group by picking a colour each and coloring in a part of the box. Everyone's journey is different and you can interpret the goals flexibly. The aim is to inspire you to learn and try new things. Not everything needs to be completed.

**ADVANCED**

**BASICS**

(set your own goal)

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(set your own goal)

Run Gentoo

Run Linux from scratch (LFS)

Teach a class on Linux

Use netcat to talk to a server

Manage extended file permissions

Contribute to the documentation of your Linux distro

Use Tmux open programs and save sessions

Create instructions or a how-to guide on Linux

Learn the filesystem hierarchy standard (FHS)

Install Ubuntu touch on a mobile device

Create your own system service

Use Nmap

Compile Linux kernal from source

Use systemctl

Install Linux on a Macintosh

Make or extract a tarball using the terminal

Teach a friend how to use Linux

Run Nix or Guix

Use Linux as your main operating system

Set up a gaming server

Browse the internet from the command line

Use Vim and Emacs in the command line

Make a Raspberry Pi or similar project

Set up a cron job

Use the dd command

Install a software from source

Install and explore Kali Linux

Install and explore Arch Linux

Use ssh to remotely access a computer

Set up a Raspberry Pi or similar

Read a book or watch tutorials on Linux

Accidentally brick your machine with rm -rf

Fix a problem yourself

Set up BusyBox on a mobile phone

Use Gparted to manage disk partitions

Use the mount command to mount partitions

Optimise power management settings

Use a backup software

Try a different window manager (WM)

Manage file permissions with the command line

Use core tools that come with Linux eg. awk, grep

Use toilet or figlet commands for fun

Use the kill command

Use the whatis command to find out what a command does

Use system cleanup commands

Manage directories with pwd, cd and ls in the command line

Install programs with the command line

Customize your desktop

Manage audio settings

Manage bluetooth settings

Use the man/info command to get command line help

Install and explore Fedora Linux

Use Rufus to create a disc image

Set up a printer or scanner

Install Steam on Linux

Install Java or Python

Choose a browser to use eg. Chromium, Firefox

Use Wine to run Windows apps on Linux

Install Linux on your hardware

Explore your new linux distro

Dual boot Linux on your hardware

Find alternative open source software to use on Linux

Download or torrent a Linux distro

Run Linux on an old computer

Use Snappy to download apps

Try Windows subsystem for Linux

Choose a Linux distro to start with
eg. Mint, Ubuntu

Try Linux in a Virtual Machine

1 tile = 1 point

**START** **HERE**

Name:

**Total Score**

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