# Suggestions for Drawing Tools

During the FLO-Design workshop you’re asked to create an illustration of your emerging design plan – through a drawing, a flow chart, or a mind map.

The following tools are suggested as they’re free and easy to use. You’re welcome to use other tools if you’re familiar with them and they don’t take too much of your time.

From the initial offering of FLO-Design:

## 1.  Draw.io   (https://www.draw.io/)

* open source, no sign-in required, operate from web browser
* needs access to a desktop storage area or cloud-based - e.g., Google Drive, Dropbox, MS OneDrive or Device
* supports flowcharting, mindmapping, simple drawings
* not collaborative?

**How to:**

Draw.io in 82 seconds - <https://youtu.be/8OaMWa4R1SE?list=PLC51E83611C226ED2>    (actually 1:26)

10 Tips for using draw.io - <https://youtu.be/hxTTQJ5a-zI>    (3.48)

## 2.  Google Draw

* you'll need a free Google account
* https://drawings.google.com/
* can draw collaboratively
* insert hyperlinks or images to augment drawings
* export in different formats
* set for printing

#### Tutorials:

* Google Drawing Basics [Heidi Weber](https://www.youtube.com/channel/UCOIomTi2y9bIUQnle9giyqg) - https://youtu.be/QfkKP2Yvr4w  (5:56)
* How to Use Google Drawing Will Codilla - https://youtu.be/rKGJk5TBi2w  (12:13)

## 3.  Microsoft Powerpoint (drawing tools)

* commonly used in workplaces and education - desktop version should be available easily
* prior to Office 365, drawing tools could be accessed from the Drawing ribbon group (Home) or under Insert menu to add shapes.
* Powerpoint 2016 has ink drawing tools too!
* SmartArt shapes not necessary but, if you know how to use them, go ahead
* free access to cloud-based Powerpoint (has drawing tools) - you'll need to sign up for a Microsoft account - <https://office.live.com/start/PowerPoint.aspx>

##### **Help docs**

<https://support.office.com/en-us/article/Add-shapes-0e492bb4-3f91-43b5-803f-dd0998e0eb89>