

All slides and handouts can be found at:

<http://www.familytreeaz.com/Presentations/>



QR Code: take photo to
open to presentations

What is LucidChart?


- A diagramming website that allows you to build simple...or complex...diagrams

- Website:


<https://www.lucidchart.com/pages/>

The screenshot shows the LucidChart website homepage. At the top, there is a navigation bar with the Lucid logo, 'Product suite' and 'Company' dropdown menus, 'English' language selection, and a 'Log in' link. Below this is a secondary navigation bar with the Lucidchart logo, 'Product', 'Solutions', 'Resources', 'Enterprise', and 'Pricing' dropdown menus, 'Contact sales' link, and a prominent 'Sign up free' button. The main content area features a large yellow background with the headline 'Where seeing becomes doing.' and the text 'Lucidchart is the intelligent diagramming application that brings teams together to make better decisions and build the future.' Below this is another 'Sign up free' button. At the bottom of the page, there is a preview of a diagramming interface with various shapes and a toolbar. The Windows taskbar is visible at the very bottom, showing several open applications including 'Intelligent Diagram...', 'Namecheap VPN', and 'LucidChart_Oct2023...'.

Free Account --- but with limits

The free plan of Lucidchart has the following limitations: 

- 3 editable documents
- 60 shapes per document
- 100 templates
- No desktop app

However, free accounts can create an unlimited number of diagrams. 

Cost

- Free for simple diagrams
- For more complex diagrams cost is ~\$100/yr

Plans & Billing > **Change Lucid**

Current plan


Individual

\$7.95 per month

when billed yearly, \$9.95 month-to-month.

Includes 1 individual license

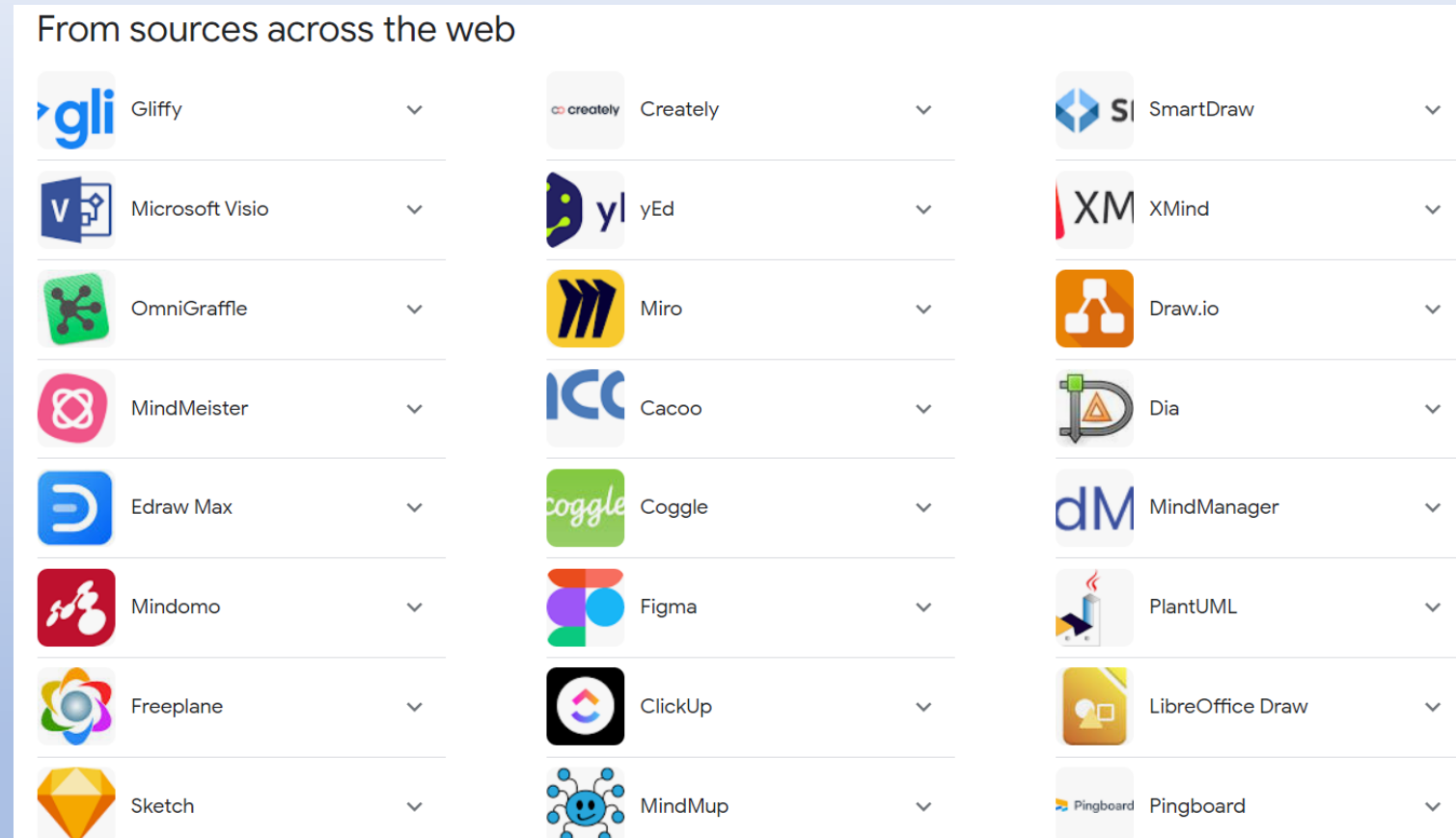
Products included:

 **Lucidchart**

[View plan details](#)

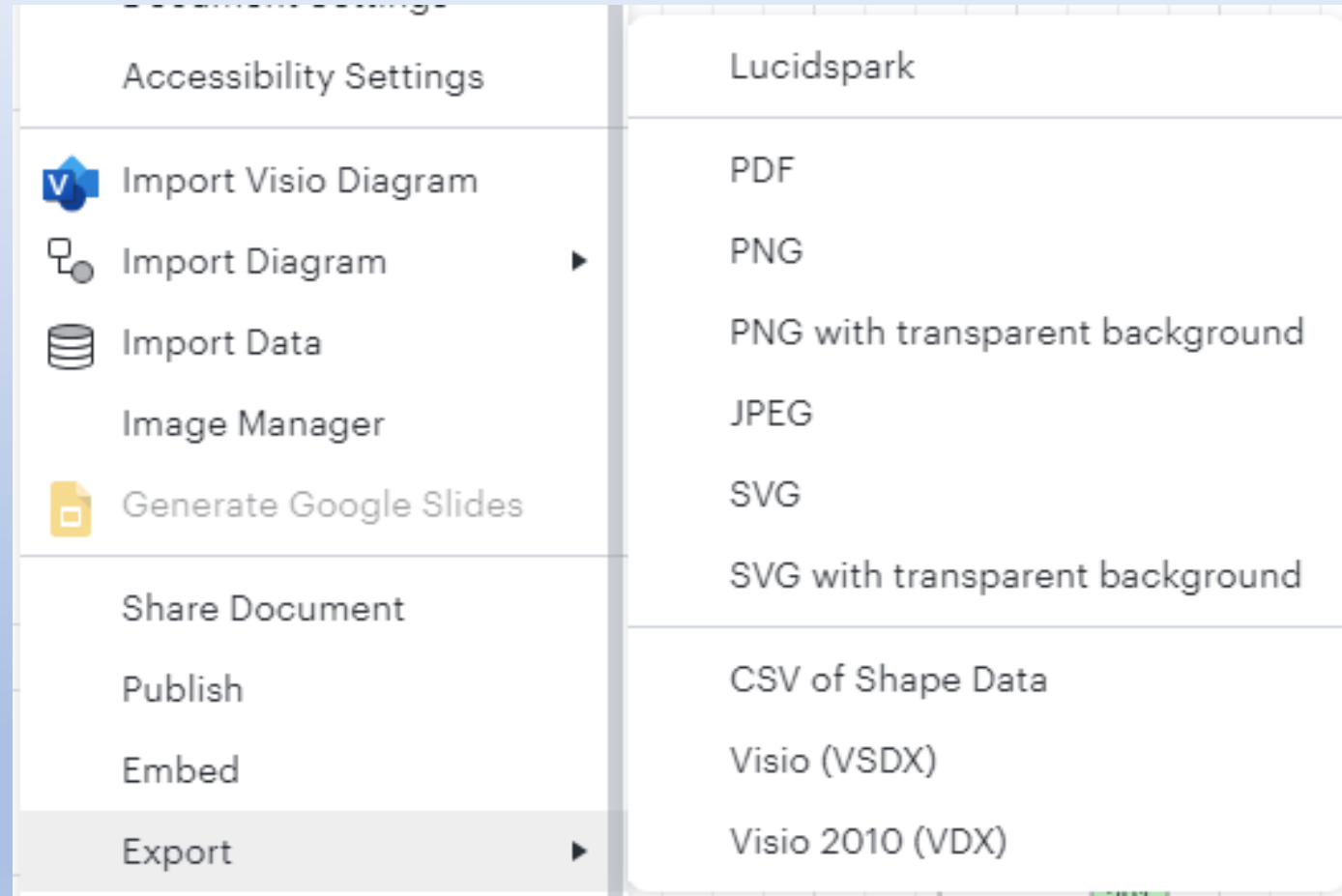
Other Alternatives?

- Scapple
- Powerpoint
- Haven't tried most of these
- Used Powerpoint for awhile but got hooked on LucidChart



Features

- Great flexibility in creating different types of diagrams
- Excellent exporting capabilities (PDF, PNG, JPG, SVG)
- Easy to share with a team or individuals

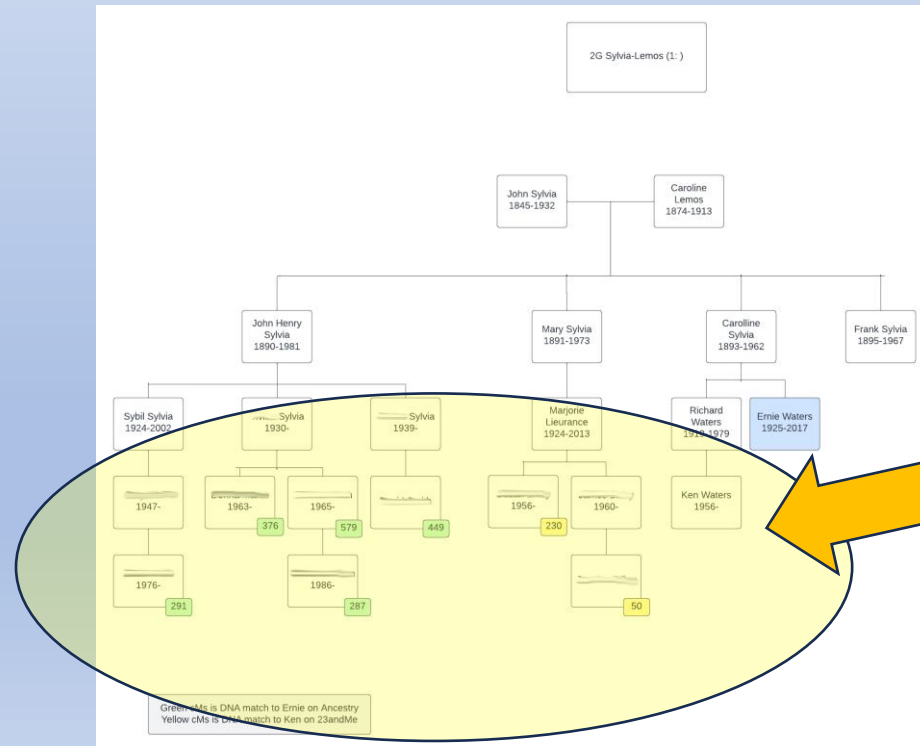
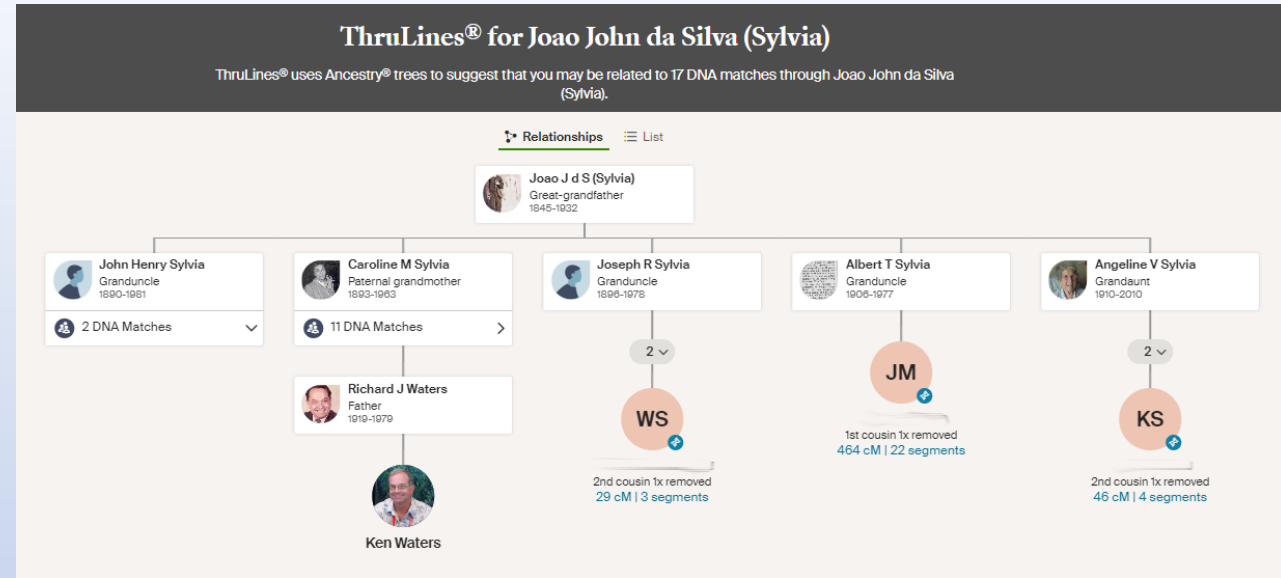


How Do I Use It?

- Building family diagrams
 - Great to share for others
 - Full control to the elements, unlike other options like Ancestry trees or ThruLines
- Specifically:
 - Building DNA descendance diagrams for a family line

Why not use ThruLines?

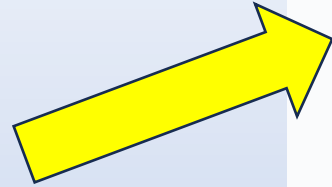
- Can eliminate questionable matches (dubious trees, obvious errors, low matches 8 cMs, etc.)
- Easy to modify for breadth as the diagram gets larger (ThruLines breaks them into sections)
- **IMPORTANT:** ThruLines often misses DNA matches because of poor (or no) tree connections --- you can make your own, verified trees to confirm connection
- For example, this ThruLines depiction of my great-grandfather shows only 5 DNA matches beyond my grandmother. In reality I have identified **more than 40** of them!



Many DNA testers that are missed by ThruLines!

Shortcuts

- Press [F1] to get keyboard shortcuts



- It can be a bit of a **learning curve** with these but you'll find with a little practice it can be very easy to quickly start a diagram

Hotkey Shortcuts

Editor	
Space	Hold and drag to pan around page
Ctrl +	Zoom in
Ctrl -	Zoom out
Ctrl 0	Reset zoom to default
Ctrl Shift F	Show or hide panels
PageDown	Next page
PageUp	Previous page

Canvas	
← → ↑ ↓	Move selected items
Ctrl	Add or remove an object from selection
Ctrl A	Select all
ESC	Deselect all
Backspace	Delete selection
F2	Edit text
C / Ctrl Alt M	Add comment
Ctrl X	Cut
Ctrl C	Copy
Ctrl V	Paste
Ctrl D	Duplicate
Shift	Maintain aspect ratio
Alt	Resize from center
L	Draw free-standing line
Z	Laser pointer
F	Open Font Manager
M	Open Shape Manager

Ctrl Z	Undo
Ctrl Y	Redo
Ctrl G	Group Selection
Ctrl Shift G	Ungroup Selection
Ctrl K	Add/Edit action on shape
Alt	Connect line to shape on different layer or group
Ctrl Alt]	Bring selected items to front layer
Ctrl Alt [Send selected items to back most layer
Ctrl]	Bring selected items forward one layer
Ctrl [Send selected items back one layer
Ctrl ←	Align selected items to the left
Ctrl →	Align selected items to the right

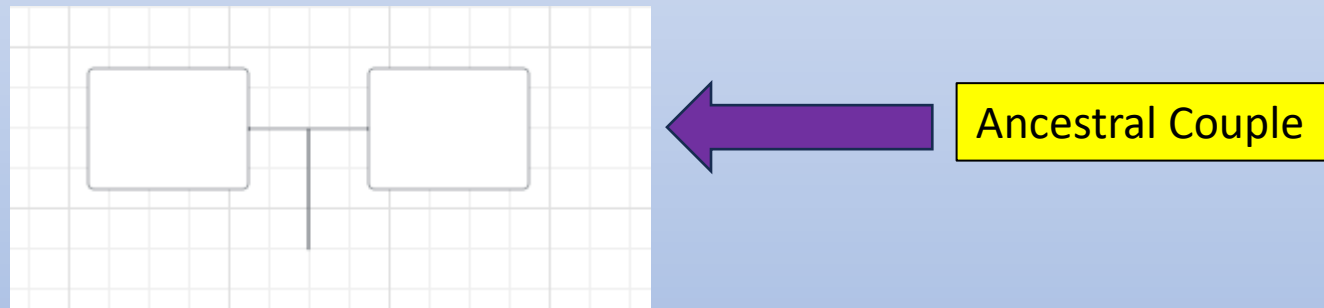
Text Editing	
Ctrl B	Bold
Ctrl I	Italic
Ctrl U	Underline
Ctrl Enter	Line Break
Shift Enter	Carriage Return
Ctrl Alt C	Copy Text Style
Ctrl Alt V	Paste Text Style
Ctrl Shift >	Increase Font Size
Ctrl Shift <	Decrease Font Size

Find and Replace	
Ctrl F	Open find and replace tool
F3	Navigate to next search result
Shift F3	Navigate to previous search result

File Operations	
Ctrl S	Save
Ctrl Shift S	Save as (copy)
Ctrl Shift D	Download/Export a PDF or image
Ctrl Shift E	Embed published chart on another web page
Ctrl Shift P	Publish online

What is a DNA Descendancy Diagram?

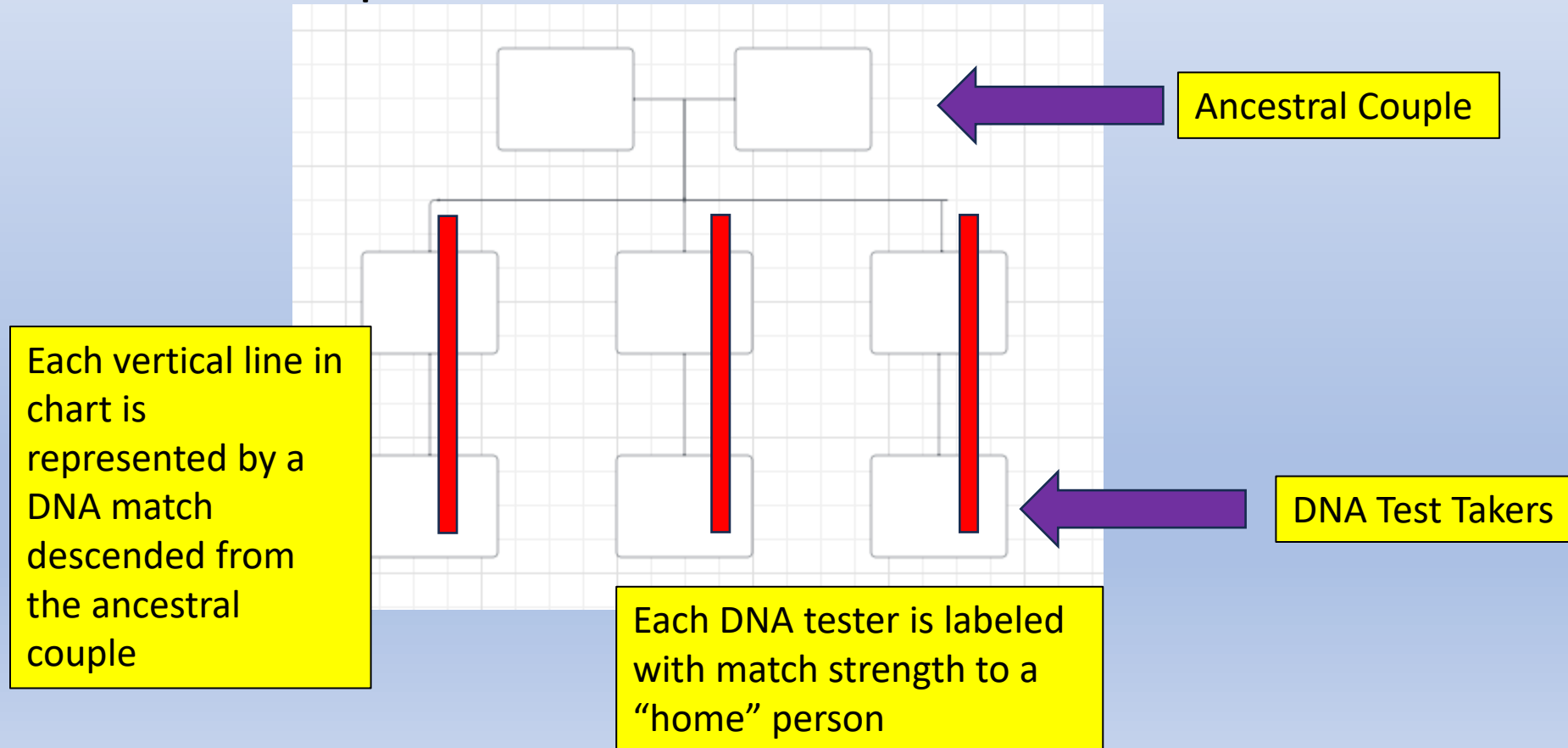
- Start with identifying a “home person” who has taken a DNA test
- Then identify an Ancestral Couple (or single ancestor) to the “home person”



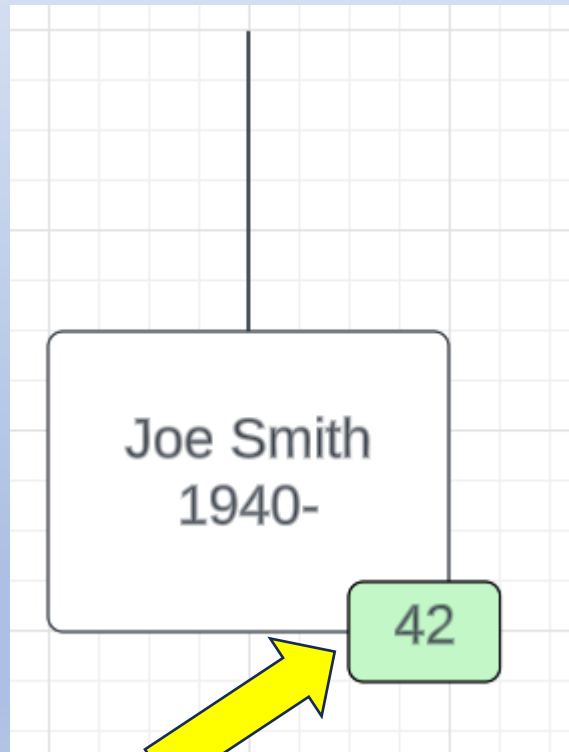
- This could be a 3rd great-grandparent couple, for example

What is a DNA Descendancy Diagram?

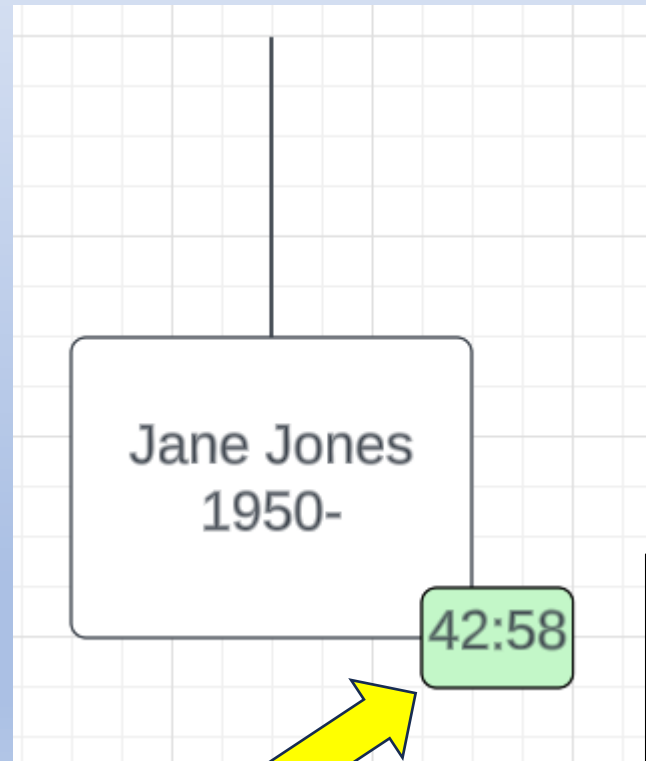
- Build the diagram down through generations so that each DNA tested person will be represented



Add DNA Strengths to each test-taker



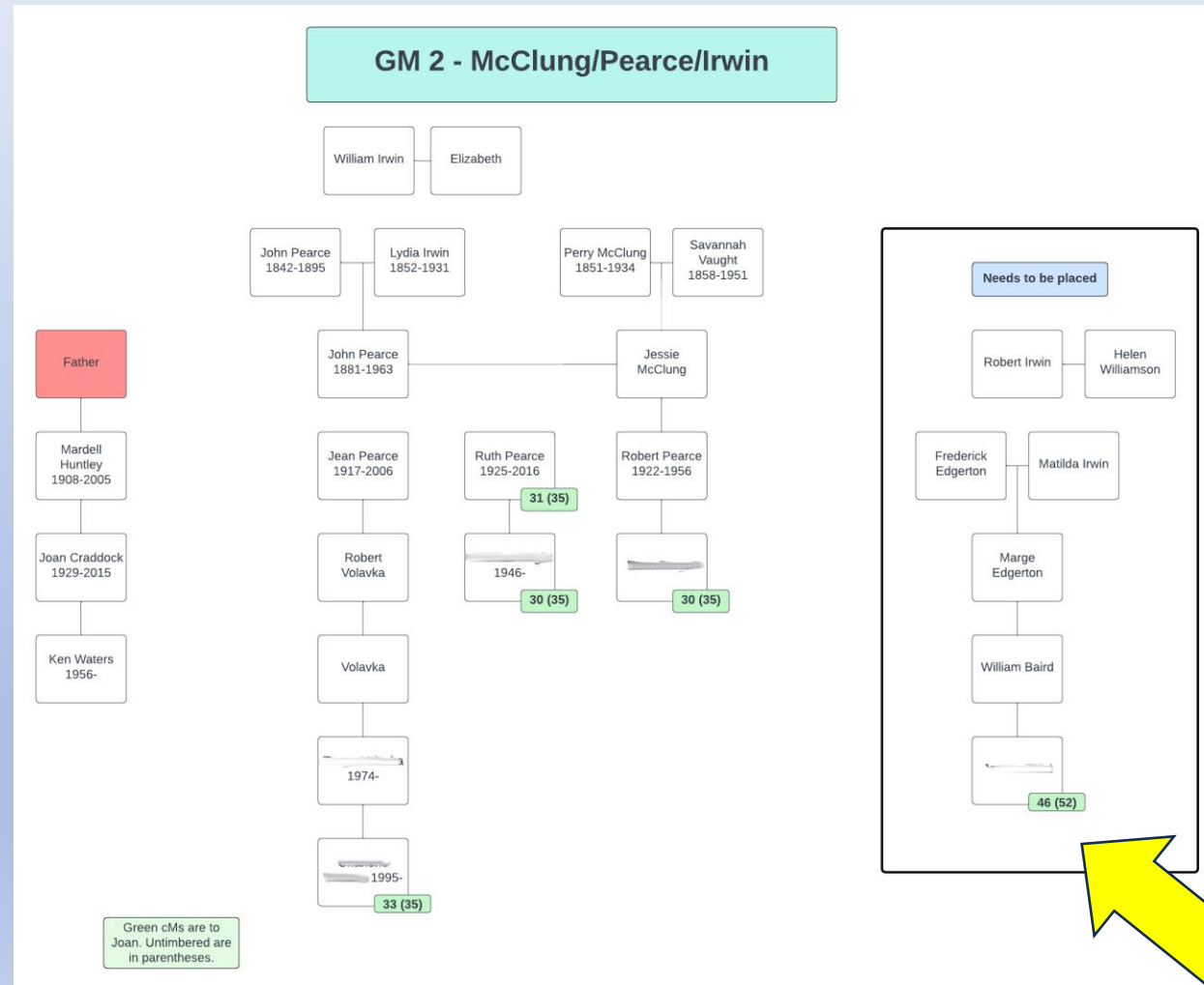
42 centiMorgans
match to home person



TIP: For Ancestry DNA
matches I often like to
include the "unTimber"
values as they are often
more accurate

Include “DNA Islands” – genetic networks not yet connected to the main tree

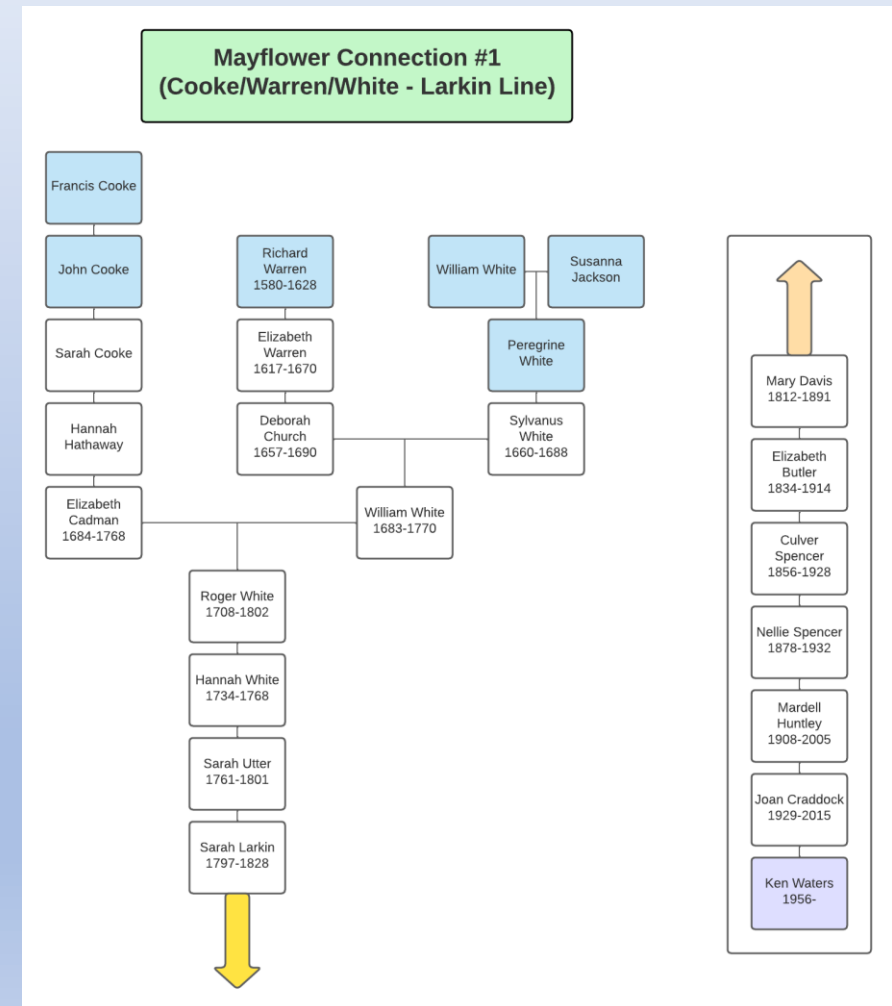
- This example is working on finding the father of my maternal grandmother
- With shared matches I have identified two different branches on this line --- presumably one is paternal and one maternal for the unknown great-grandfather



DNA Island showing match(es) that are in the genetic network with the main tree but exact connection has not yet been determined

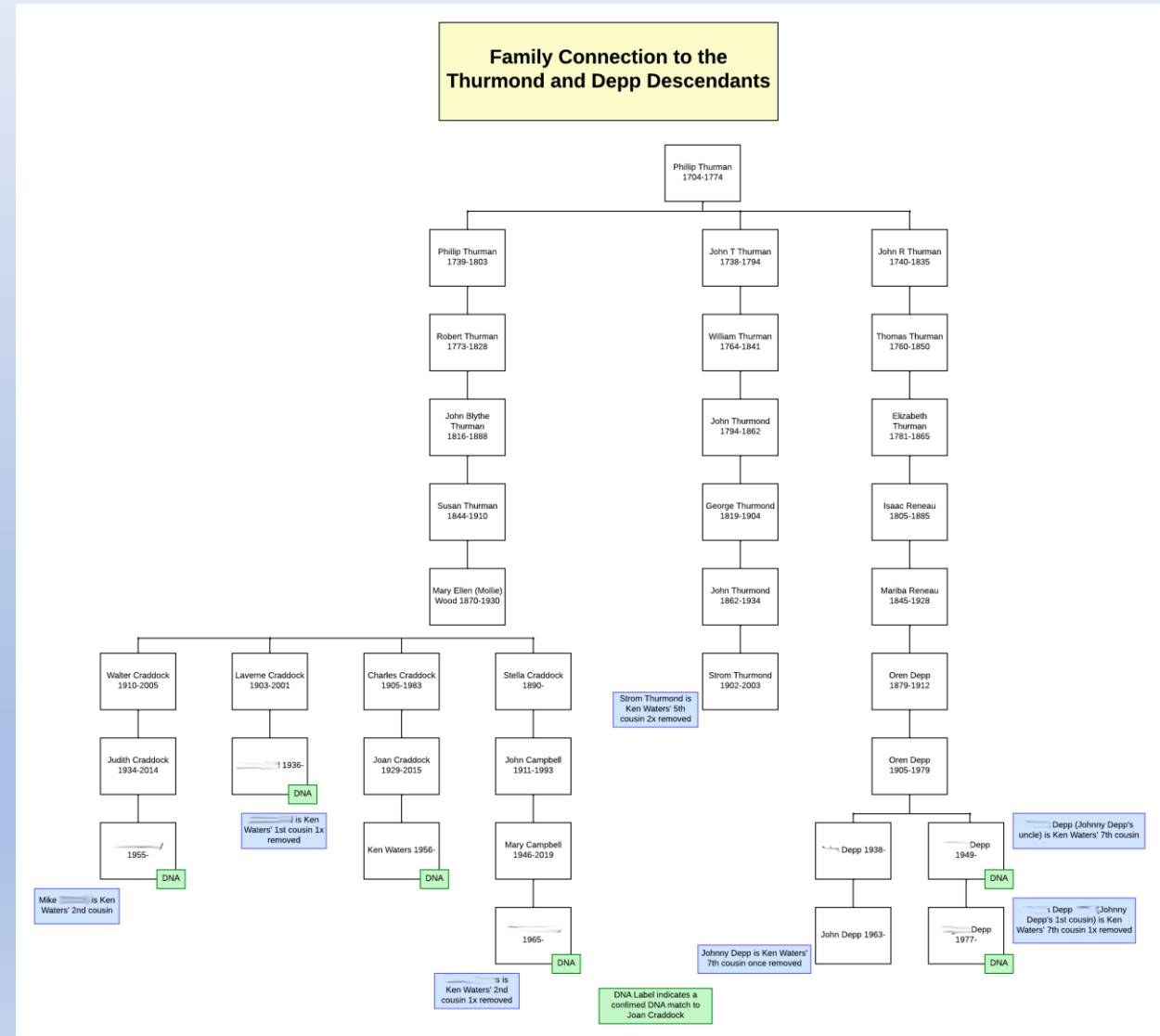
Another Useful Application – early ancestor

- Creating charts to show descendancy from an early ancestor
 - Broken into two due to the number of generations going back



Another Useful Application – cousin connections

- Showing cousins how they are related to a common ancestor
- In this case, showing how my cousins and I are related to Johnny Depp and Strom Thurmond – easy to share
- Living people have been anonymized except for me and Johnny Depp



There's a lot more to show--- but limited time

Demo?

Upcoming Classes/Presentations

Tuesday, Oct 10, 6 pm

Title: How Closely Are We Related?

Description: Learn about how DNA can be used to determine who closely related two people are. We will explore centiMorgans and what they mean.

Saturday, Nov 18, 3 pm

Title: DNA Mysteries

Description: What mysteries can be revealed with a DNA test? We will discuss actual instances of surprise matches, how you can learn from them, and where to go from there.



All library classes that are highlighted in blue are free to attend and require no registration and held at the Red Mountain Mesa Public Library at 635 N Power Rd in Mesa (unless otherwise noted above).

FamilyTreeAZ.com



Presentations:

<http://familytreeaz.com/Presentations>



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