

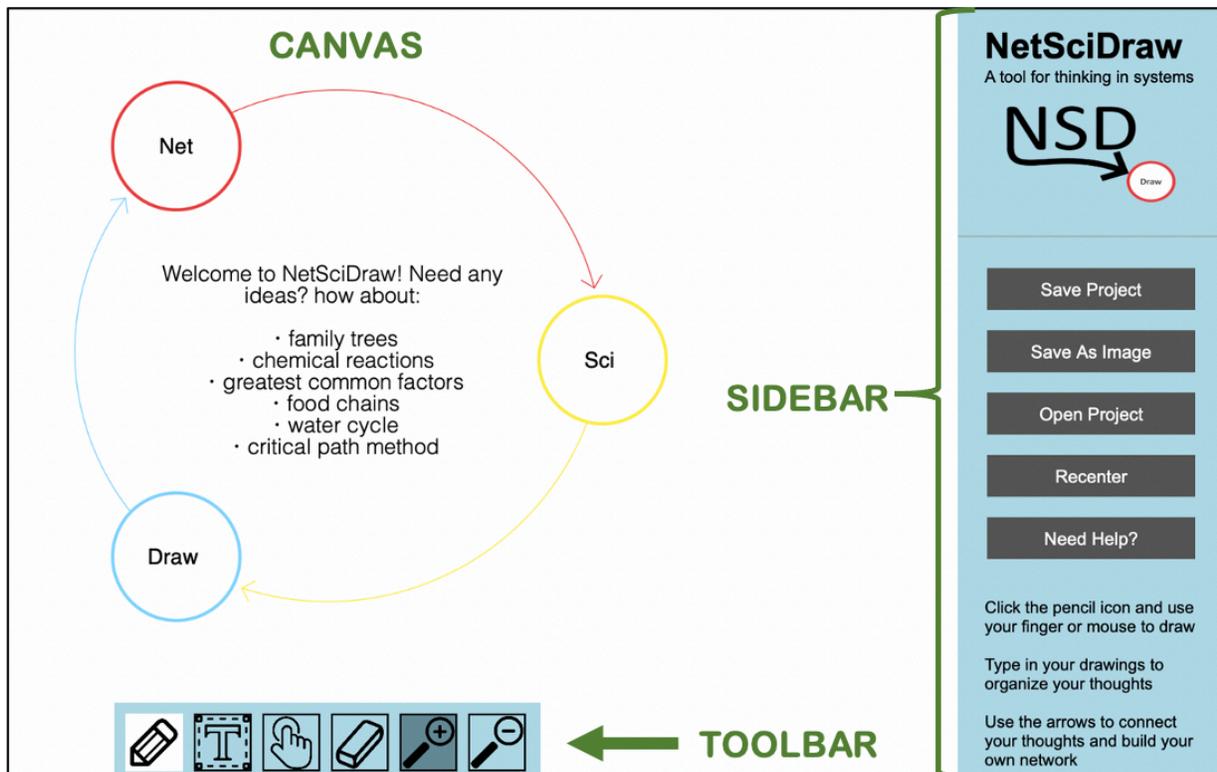
The NetSciDraw Application

At A Glance

A Closer Look at NetSciDraw

Upon launching the application, you will see:

- * The **Canvas** [displaying an example network]
 - ⇒ This is where you can create your own network.
- * The **Toolbar** [at the bottom of the canvas]
 - ⇒ The toolbar remains the same as you create on the canvas.
- * The **Sidebar** [to the right of the canvas]
 - ⇒ The options displayed on the sidebar differ based on the network element you have selected.



NetSciDraw's Toolbar

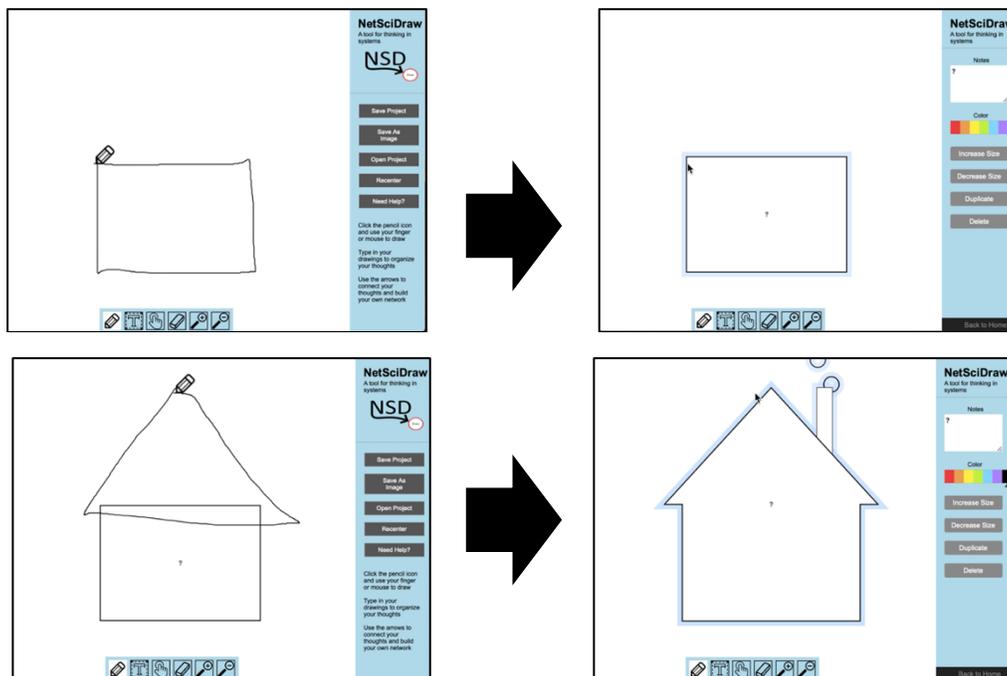
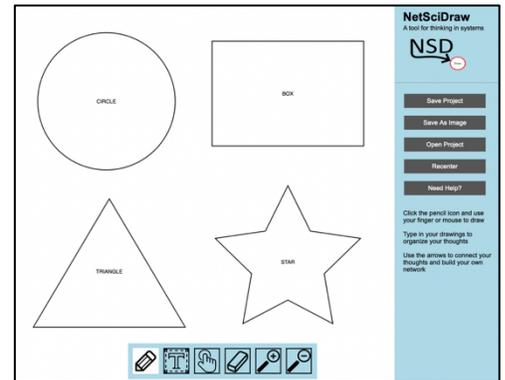
The toolbar consists of six functions:

Function Name	Option on Toolbar	Function	Keyboard Shortcut
Pencil		<ul style="list-style-type: none"> • Create Shapes • Create Arrows 	P
Text		<ul style="list-style-type: none"> • Create Labels (Text) 	T
Move		<ul style="list-style-type: none"> • Move Entire Network • Move Individual Elements 	V
Eraser		<ul style="list-style-type: none"> • Erase Network Elements 	E
Zoom In		<ul style="list-style-type: none"> • Zoom In on the Canvas 	-
Zoom Out		<ul style="list-style-type: none"> • Zoom Out on the Canvas 	-

Creating & Editing Shapes

You can create five different types of shapes:

- Circles
- Boxes (Squares and Rectangles)
- Triangles
- Stars
- Houses



When you select a **shape**, you will see the following sidebar options:

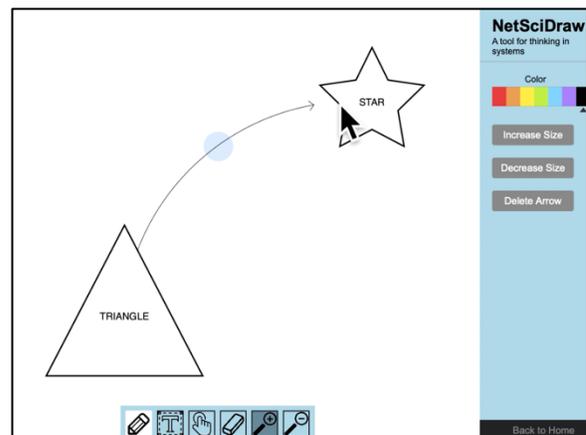
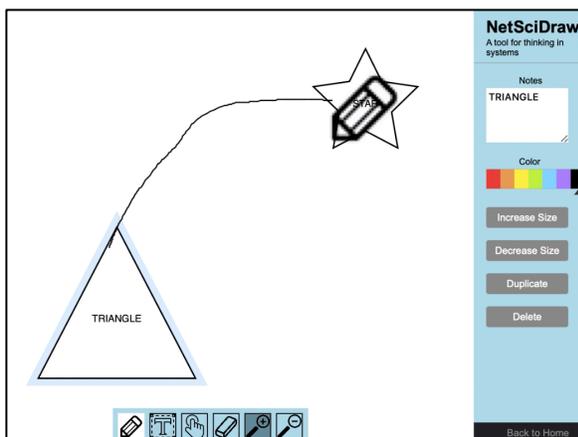
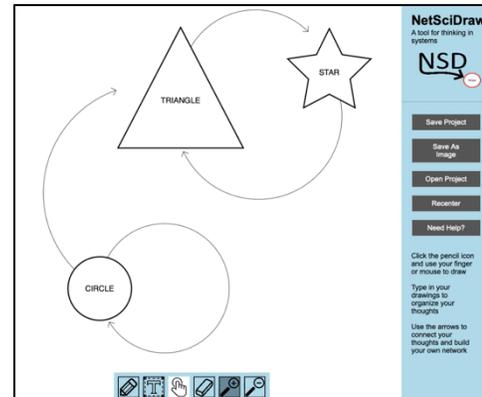
- Notes → You can add text within the selected shape
- Color → You can change the color of the shape's outline
- Increase Size → You can increase the size of the shape
- Decrease Size → You can decrease the size of the shape
- Duplicate → You can duplicate the shape
- Delete → You can delete the shape
- Back to Home → You can go back to the home screen options

Creating & Editing Arrows

You can create arrows:

- From one shape to another
- From a shape to itself

*** **NOTE:** The direction of the arrow will reflect the direction in which you drew the curved line or arc.



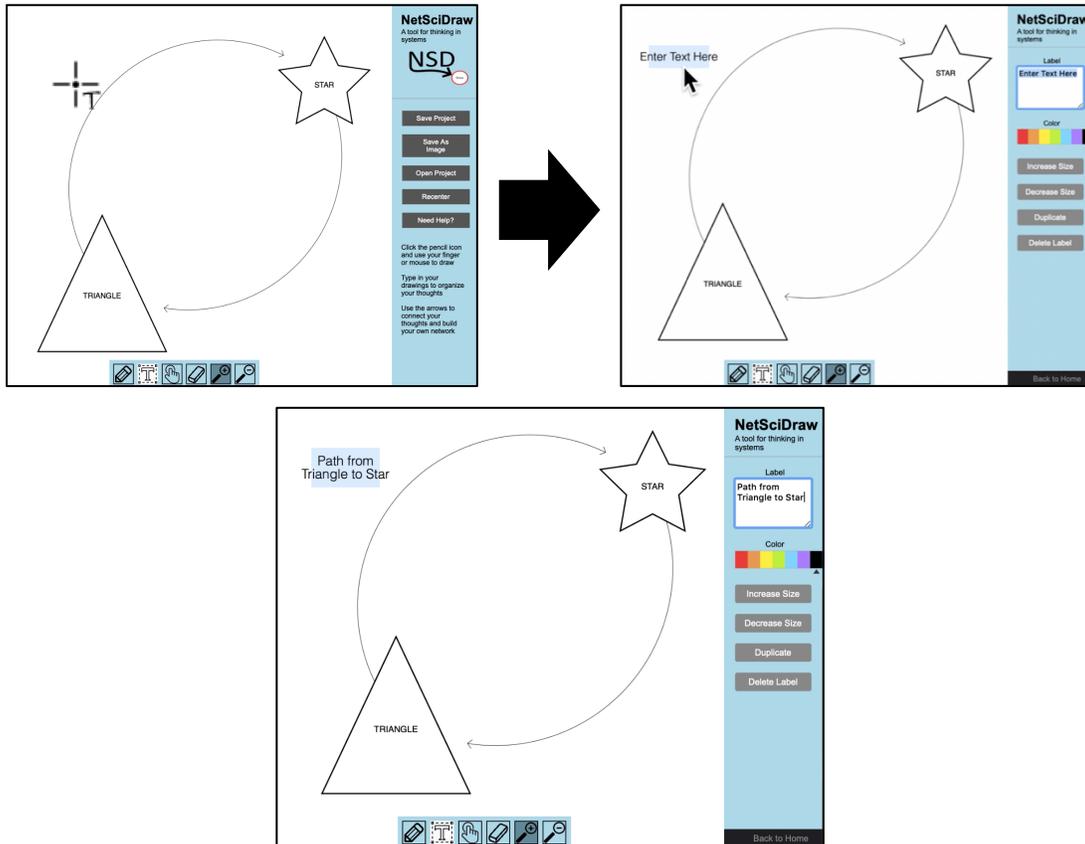
When you select an **arrow**, you will see the following sidebar options:

- **Color** → You can change the color of the arrow
- **Increase Size** → You can increase the size of the arrow
- **Decrease Size** → You can decrease the size of the arrow
- **Delete Arrow** → You can delete the arrow
- **Back to Home** → You can go back to the home screen options

Creating & Editing Labels (Text)

You can:

- Select where on the canvas you want to create a label
- Then, use your keyboard to type the text you want to appear in the label



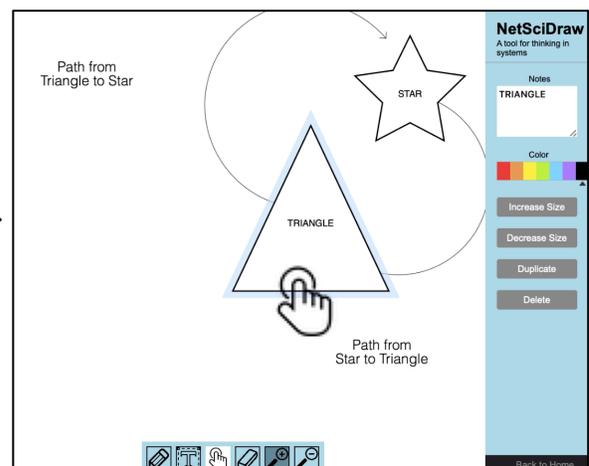
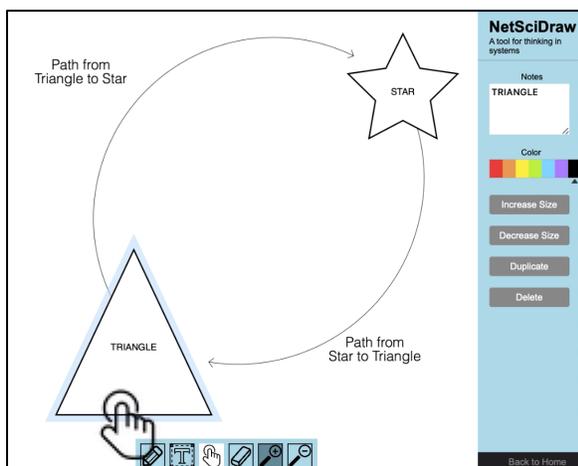
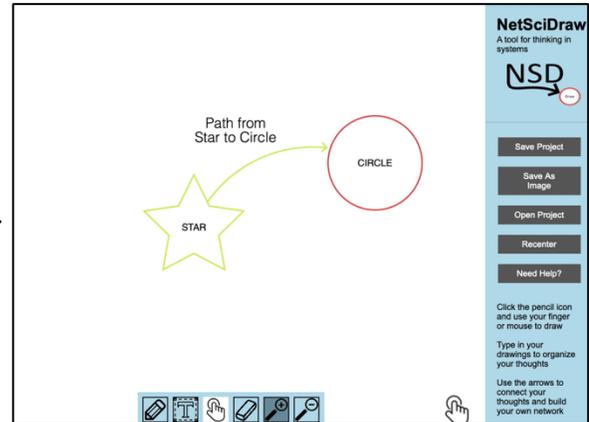
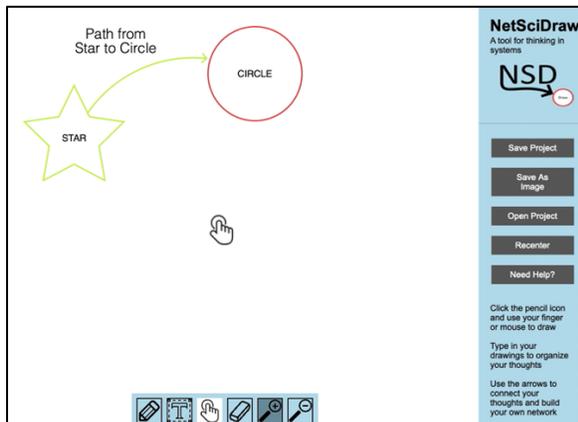
When you select a **label (text)**, you will see the following sidebar options:

- **Label** → You can add text within the label
- **Color** → You can change the color of the text
- **Increase Size** → You can increase the size of the text
- **Decrease Size** → You can decrease the size of the text
- **Duplicate** → You can duplicate the label
- **Delete Label** → You can delete the label
- **Back to Home** → You can go back to the home screen options

Moving a Network or Individual Elements

You can move:

- The entire network
- Individual network elements (shapes, arrows, text)



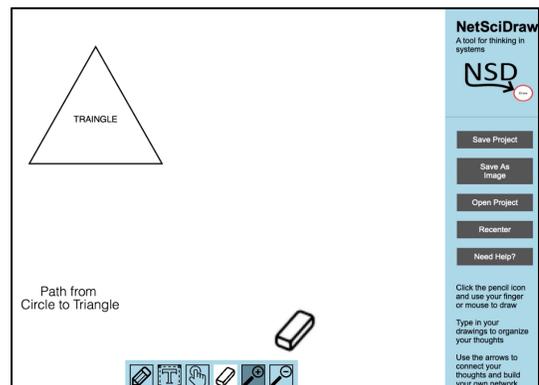
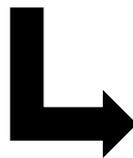
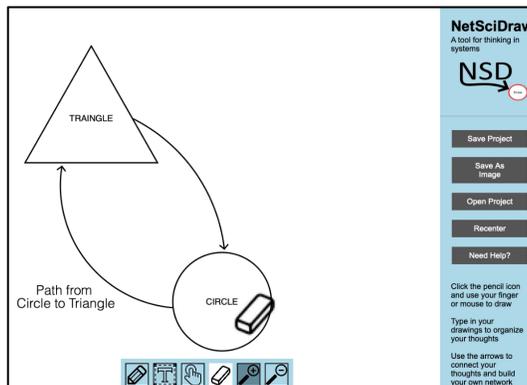
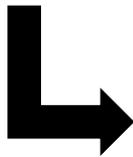
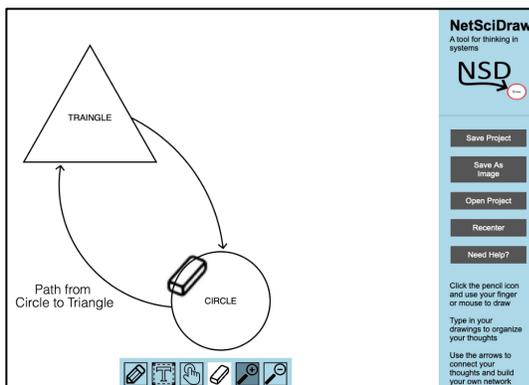
Erasing Network Elements

You can erase:

- Shapes

*** **NOTE:** If you erase a shape with an arrow or arrows connected to it, the arrows will also be erased.

- Arrows
- Text



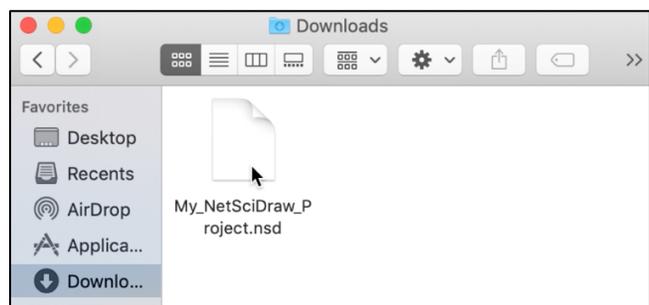
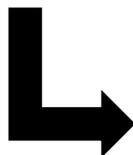
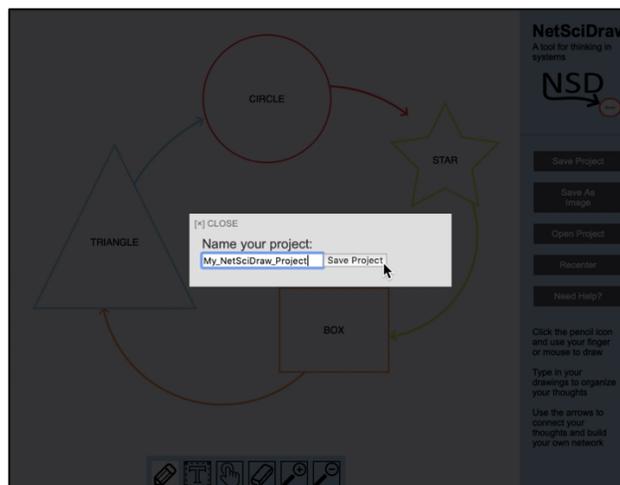
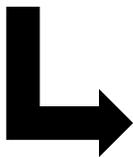
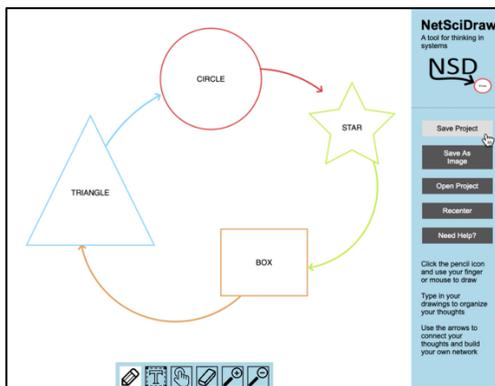
Saving Your NetSciDraw Project (.nsd File)

⇒ Select the Save Project in the sidebar.

⇒ Type a name for your project in the pop-up box and select Save Project.

*** **NOTE:** Your project will be saved as a .nsd file. Therefore, you will be able to open and/or edit your project at a later date using the NetSciDraw application.

Your .nsd file will be saved to your device's Downloads folder.

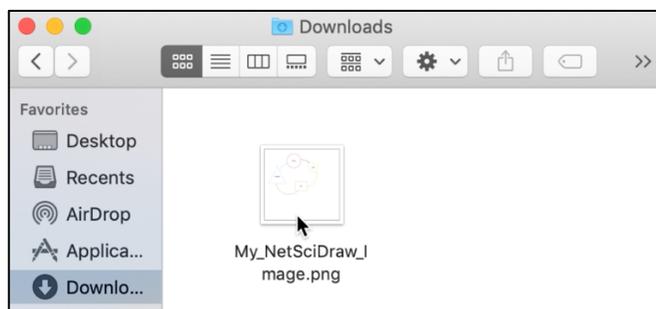
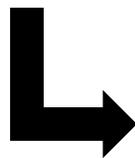
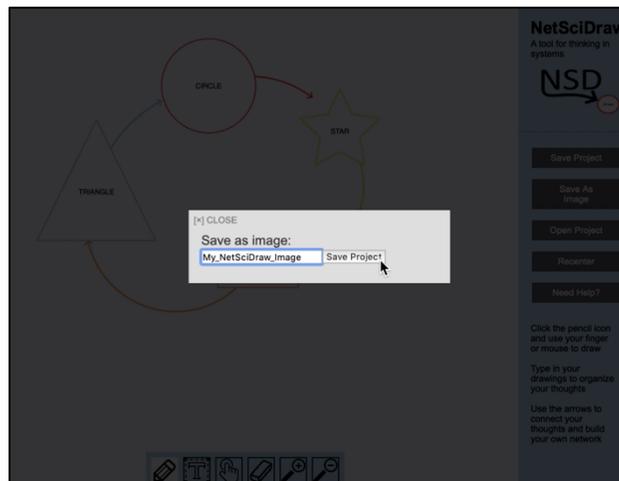
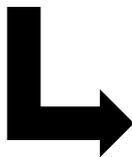
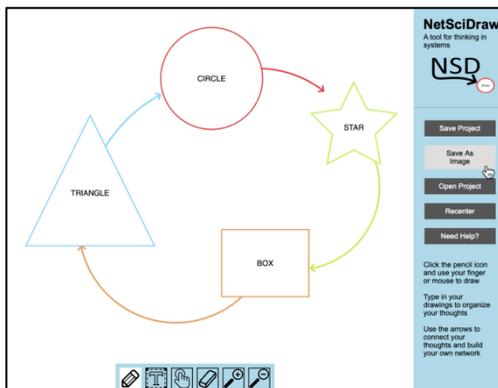


Saving Your NetSciDraw Project as an Image

⇒ Select the [Save as Image](#) in the sidebar.

⇒ Type a name for your project image in the pop-up box and select [Save Project](#).

*** **NOTE**: Your project will be saved as a .png file. Therefore, you will **NOT** be able to open and/or edit your project at a later date using the NetSciDraw application. Your .png file will be saved to your device's Downloads folder.



Open a Previously Saved NetSciDraw Project

⇒ Select the [Open Project](#) in the sidebar.

⇒ Select the .nsd file that you want to open then select [Choose for Upload](#). The project saved in the .nsd file you selected will then open in the NetSciDraw application.

