



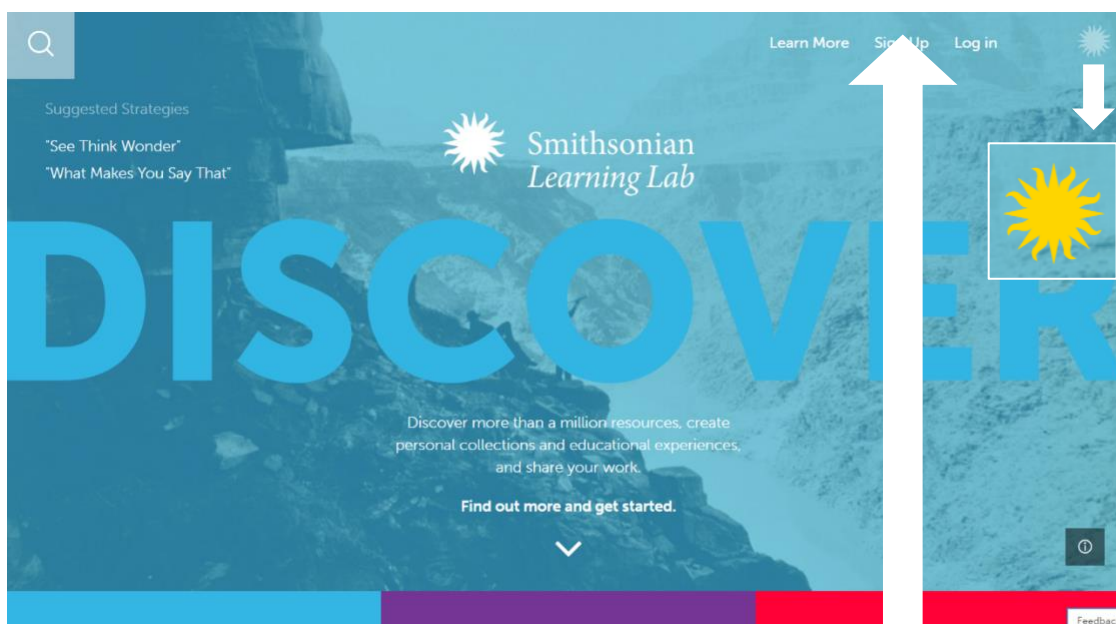
Smithsonian
Learning Lab

Getting Started in the Smithsonian Learning Lab

learninglab.si.edu

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Sign Up & Basic Navigation



Click Sign Up and follow the prompts to create a free account.


While logged in, you can click on the Sunburst Logo in the upper-right of your screen at any time to


Contact us:
Ashley Naranjo, naranjoa@si.edu

Tag your collection in the Learning Lab with **#NPGteach**
Find us on Twitter: **@SmithsonianLab**

access your favorites, collections, and other Smithsonian Learning Lab pages.


Create Your Profile









Rachel Slezak
math teacher
The Howard Gardner School
Mathematics, Geometry, Measurement and Data, Operations
and Algebraic Thinking, Proportions and Ratios, Other

I'm a math teacher from Washington, DC, teaching at a small school in Northern Virginia. Our school has a field studies program where we are out of the classroom every Tuesday, so we've had many opportunities to visit Smithsonian collections in person. I teach an integrated math curriculum for grades 9-11 and senior-level Statistics, as well as Spanish, Service Learning, and an elective that changes quarterly. I blog at multiplefactors.wordpress.com.




Rachel Slezak's Collections

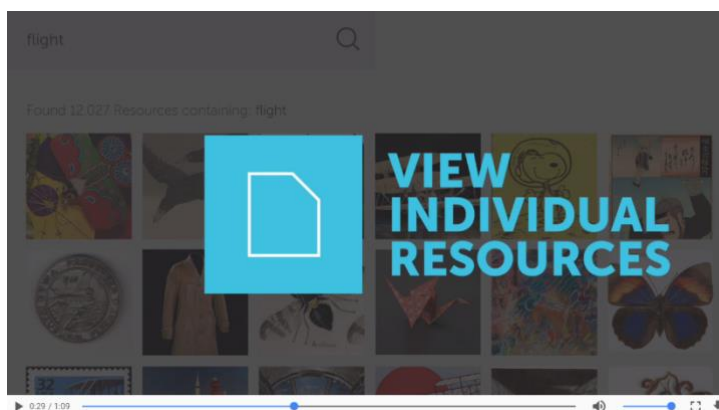
Sort by Date Modified (Most Recent First) ▾



To add information or update your profile, click on the Sunburst Logo in the upper right and click “Profile.”

Click on the  (Edit) icon to make changes to your name, username, profile image, bio, and school affiliation.

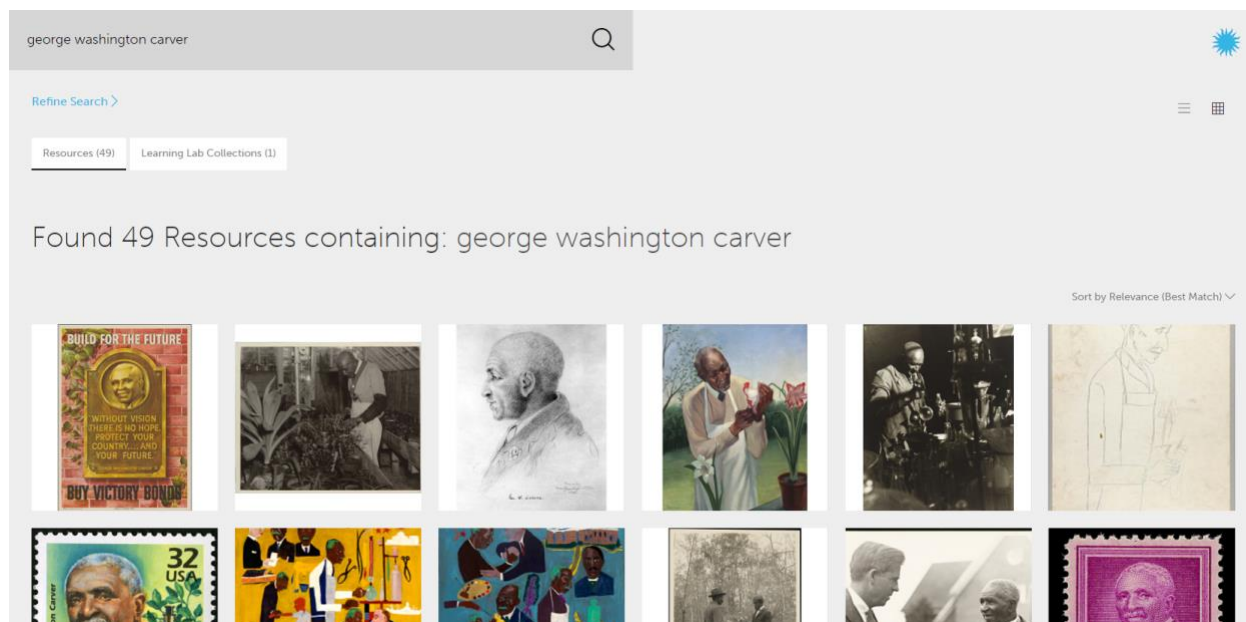
Search & Favorite




Short animation tutorial located at
learninglab.si.edu/discover

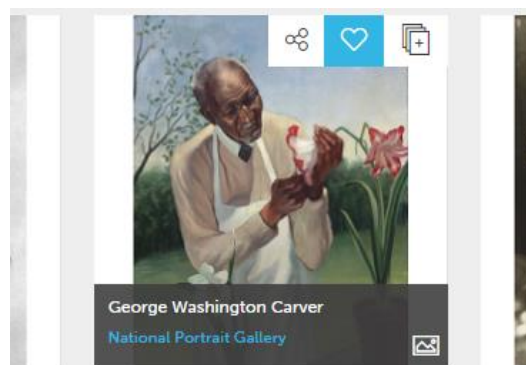
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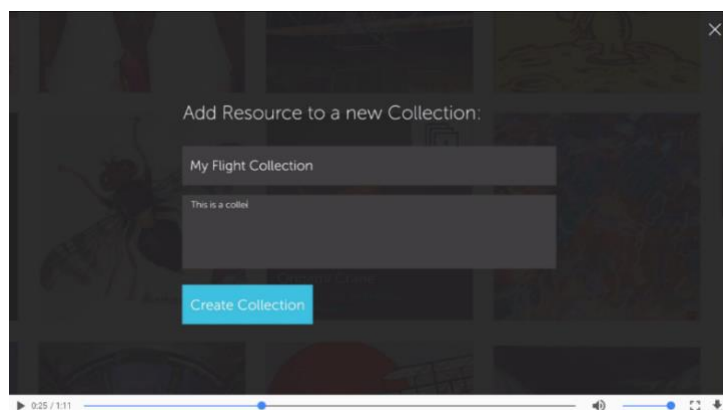


Try This: Search for a portrait that interests you, like one of “George Washington Carver.”

Favorite one resource using the  (Favorite) icon, found in the top right corner of each resource.




Start Your First Collection



Short animation tutorials located at learninglab.si.edu/create

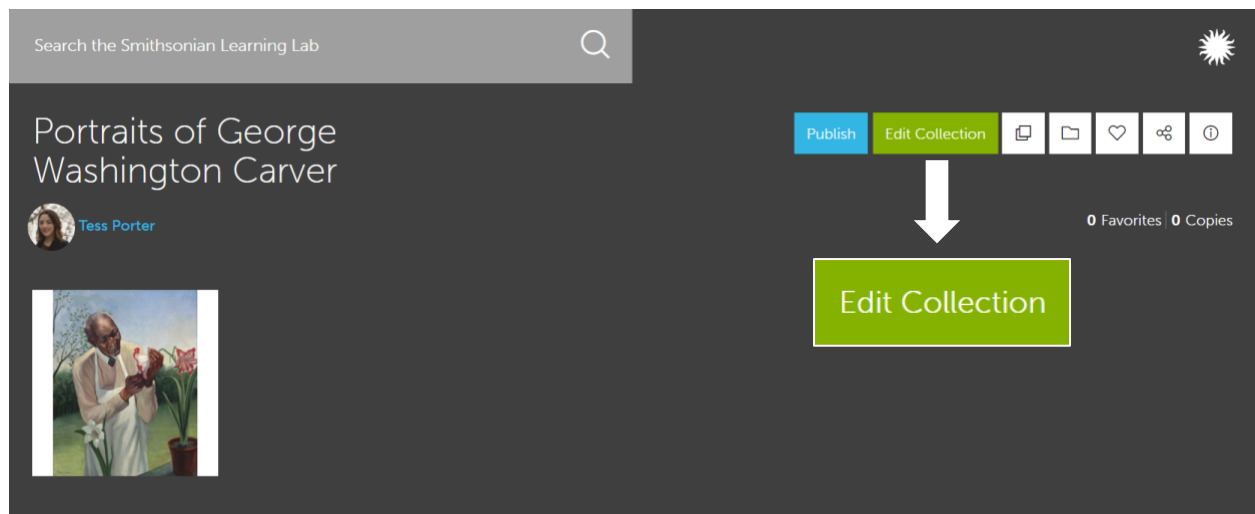
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Create a new collection by clicking the  (Add to Collection) icon on your resource.



A new window will pop up to allow you to create a new collection and add the resource to it. Or, if you already have a collection created, you can add that resource to your existing collection.

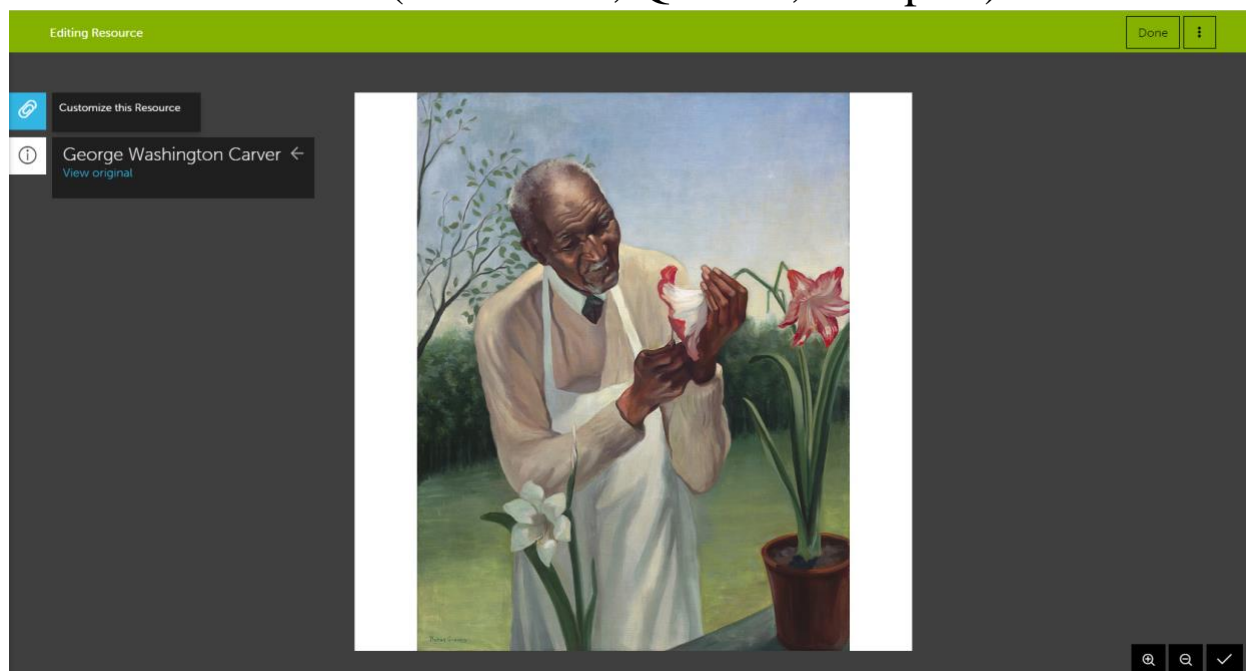



When viewing your collection, click on Edit Collection to make changes to your collection and its resources.

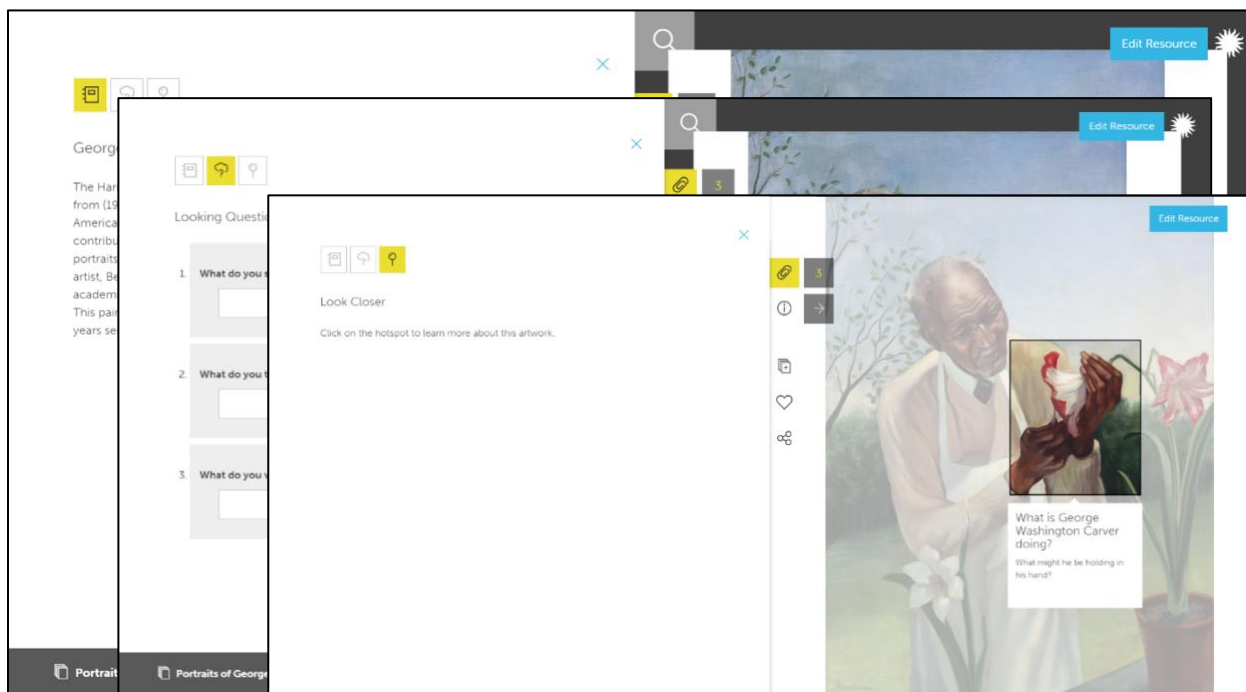
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Make It Interactive (Add Notes, Quizzes, Hotspots)

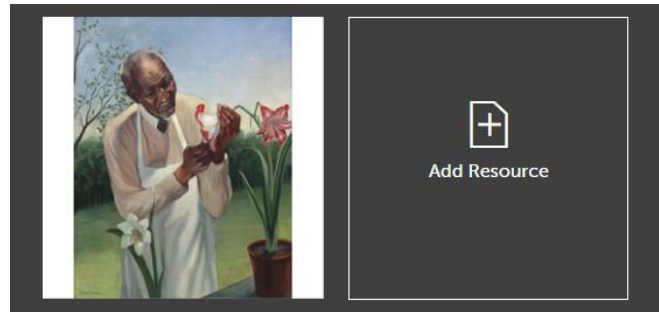


In Edit Mode (see p4), click on the resource you'd like to edit and click on the  (Customize this Resource) icon to add Notes, Quizzes, or Hotspots to your resource.



Add an External Resource (File or Website)

The Learning Lab enables users to upload resources and materials from other websites or their computer to their collections. In Edit Mode (see p4), click on the “Add Resource” button.

The screenshot shows the 'Add a Resource' form in a dark-themed interface. At the top, there are navigation tabs: 'My Favorites', 'My Uploaded Resources', 'Add a Resource' (which is highlighted), 'Search', 'Add Standalone Tool', and an 'Add' button. Below the tabs is a text input field labeled 'Title of your resource *'. Underneath that is a rich text editor toolbar with icons for bold, italic, underline, list, link, and other formatting options. Below the toolbar is a larger text area labeled 'Describe your resource (optional)'. At the bottom, there are two radio buttons: 'I want to upload a file' (which is selected) and 'I want to contribute a website / URL'.

Click on “Add a Resource” in the center. Enter a title and description for this resource. Depending on the type of resource you’d like to upload, click one of the two options:

I want to upload a File

Enter information for the Creator (required), Type (required), and Source URL (optional) into the new textboxes. Once you've completed the required boxes, a new button will appear to upload your file.

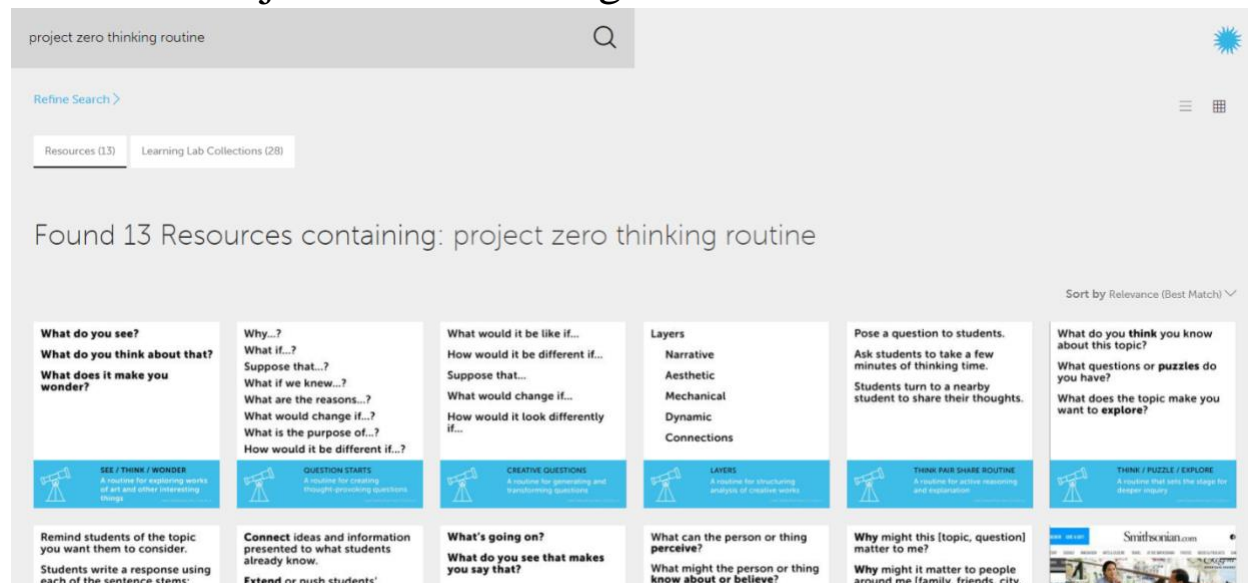


Once done, click the blue “Add” button in the upper right to upload your resource.

I want to contribute a website / URL

Cut and paste the web address into the new textbox. Click the blue “Add” button in the upper right to upload your resource.

Discover Project Zero Thinking Routines



The screenshot shows a search interface with a search bar containing 'project zero thinking routine'. Below the search bar, there are tabs for 'Resources (13)' and 'Learning Lab Collections (28)'. The results section displays 'Found 13 Resources containing: project zero thinking routine'. A grid of 13 resource cards is shown, each with a title, a brief description, and a blue button with a telescope icon. The cards include routines like 'What do you see?', 'Why...?', 'What would it be like if...', 'Layers', 'Pose a question to students.', 'What do you think you know about this topic?', 'Remind students of the topic you want them to consider.', 'Connect ideas and information presented to what students already know.', 'What's going on?', 'What can the person or thing perceive?', 'Why might this [topic, question] matter to me?', and 'Why might it matter to people around me [family, friends, city, ...]'. The bottom right card shows a thumbnail of a Smithsonian.com article.

Search “project zero thinking routine” to find simple strategies from Harvard’s Project Zero Team to engage students meaningfully with resources.

These routines are a series of research-based inquiry strategies to utilize alongside artworks and artifacts.

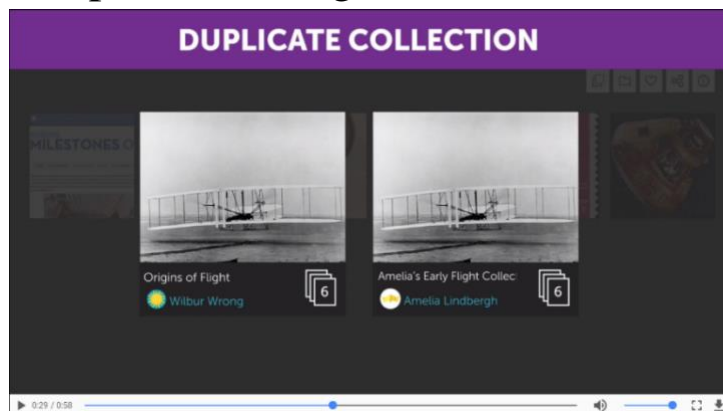
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The screenshot displays the Learning Lab interface. On the left, a sidebar contains a list of icons: an information icon (i), a document icon, a heart icon, a share icon, a download icon, and a flag icon. The main content area is titled 'See/Think/Wonder: Project Zero Visible Thinking Routine'. It includes a 'Description' section with text about the routine's purpose and a 'Purpose' section. Below the text is a video player showing a presentation slide. The slide has a dark background with white text that reads: 'What do you see?', 'What do you think about that?', and 'What does it make you wonder?'. At the bottom of the slide, there is a blue banner with a telescope icon and the text 'SEE / THINK / WONDER A routine for exploring works of art and other interesting things'. The video player has a progress bar at the bottom showing 0:29 / 0:58.

When viewing one of these Thinking Routines, click on the (i) tab to see information from Project Zero on how the routine could be used in the classroom.

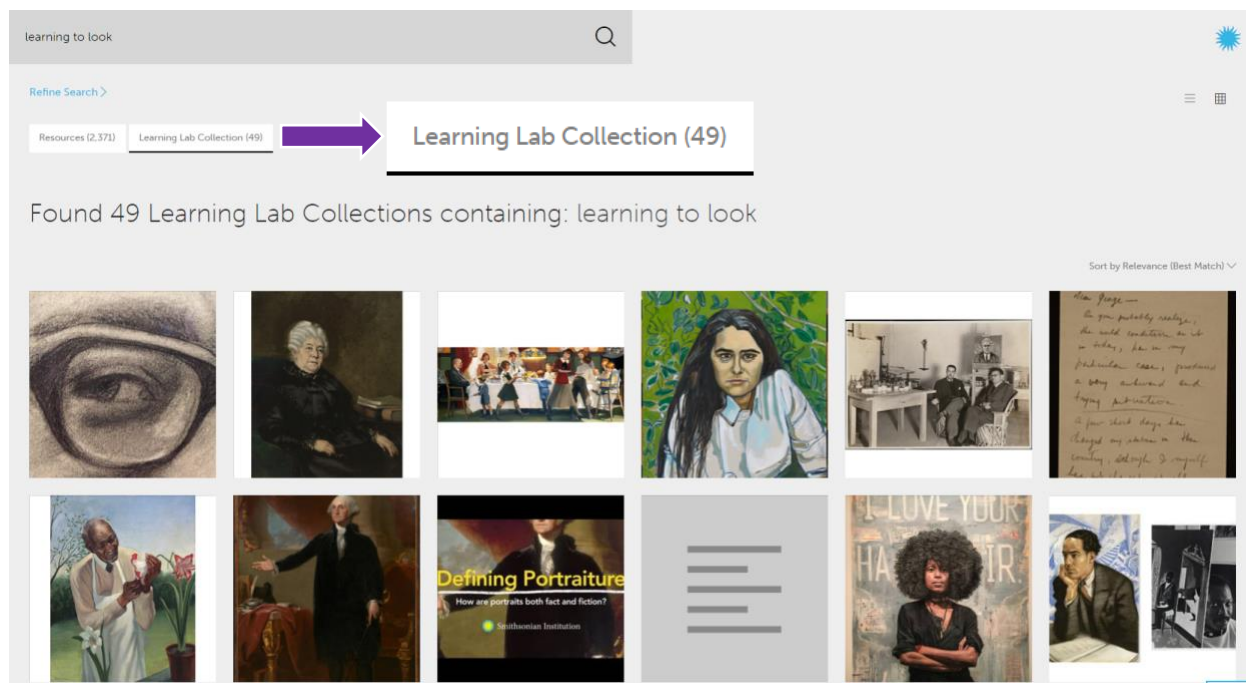
Adapt an Existing Collection



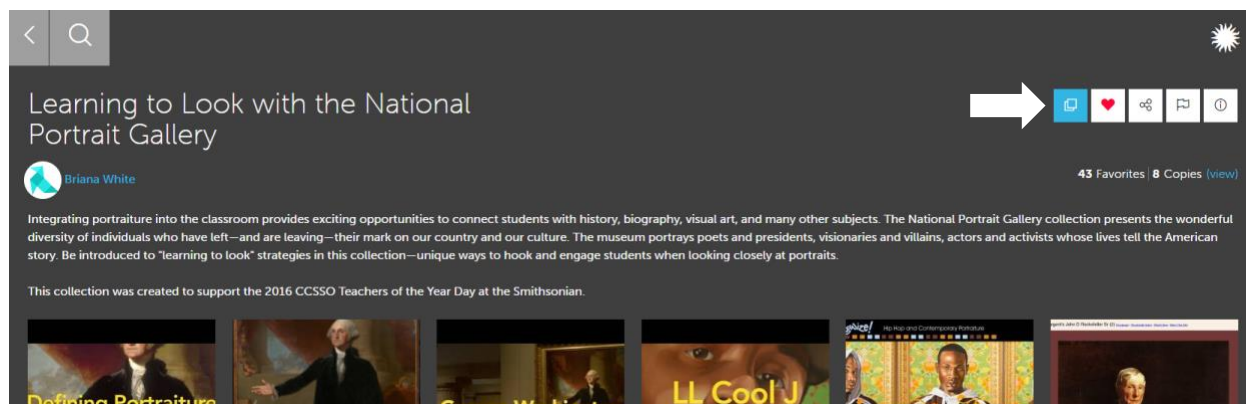
Short animation tutorials located at learninglab.si.edu/create


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1. Search for a topic, like “Learning to Look.”
2. Click on the tab “Learning Lab Collection.”
3. Select the collection you’d like to copy, like this “Learning to Look with the National Portrait Gallery” collection by Briana White.

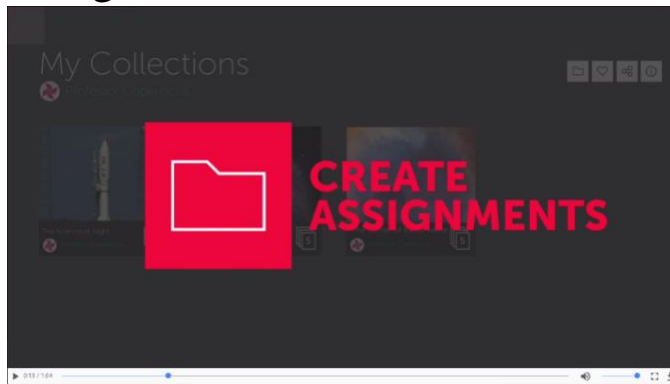


Click the  (Copy Collection) icon to copy this collection to your account.

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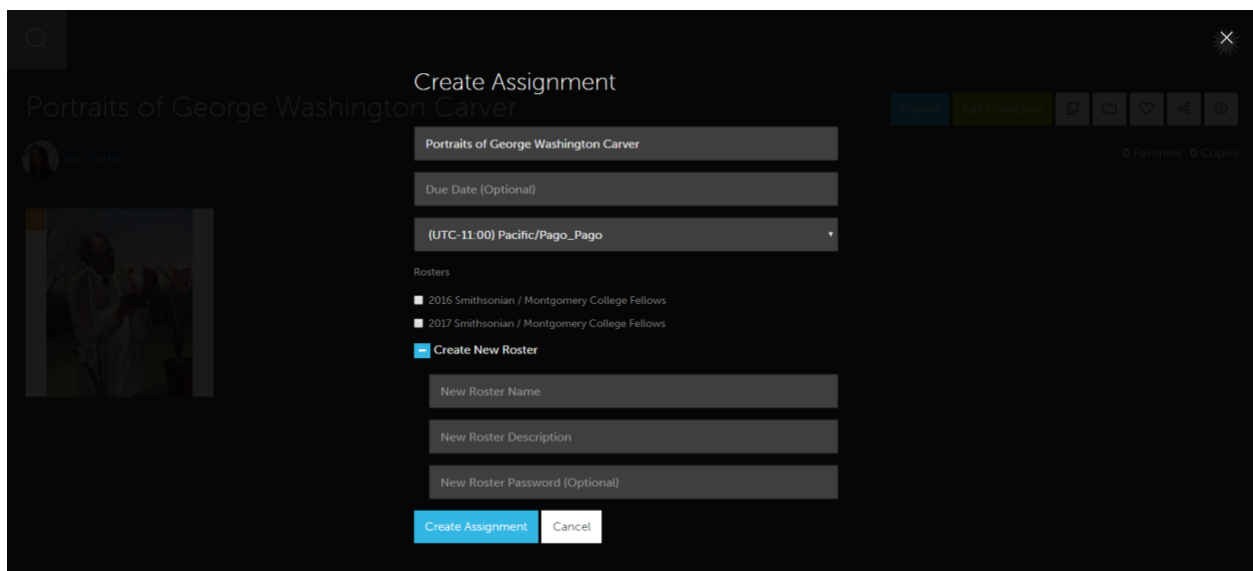
Assign a Collection



Short animation tutorials located at
learninglab.si.edu/share



While viewing the collection you would like to assign, click the  (Assignments) icon to create an Assignment. The collection must be located on your account in order to assign it, so if you'd like to assign one created by another user, copy it to your account first.



A new window will pop up to allow you to create an assignment from this collection. You can assign it to an existing roster, or if you do not have one, you can create a new roster on this page.

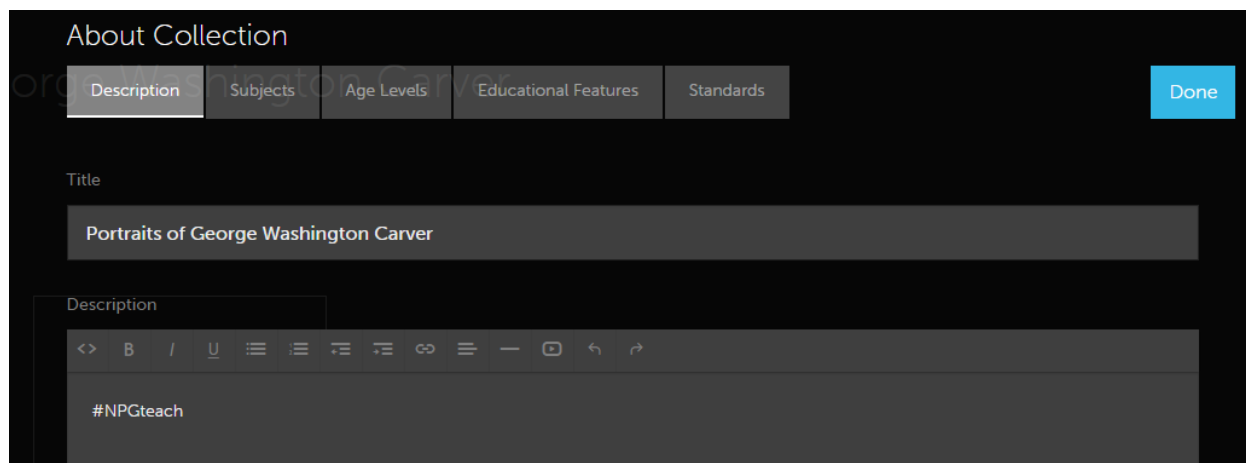
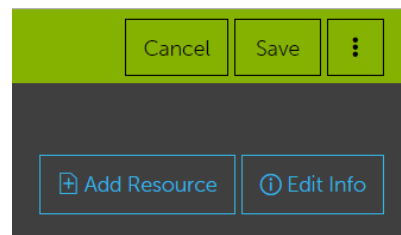
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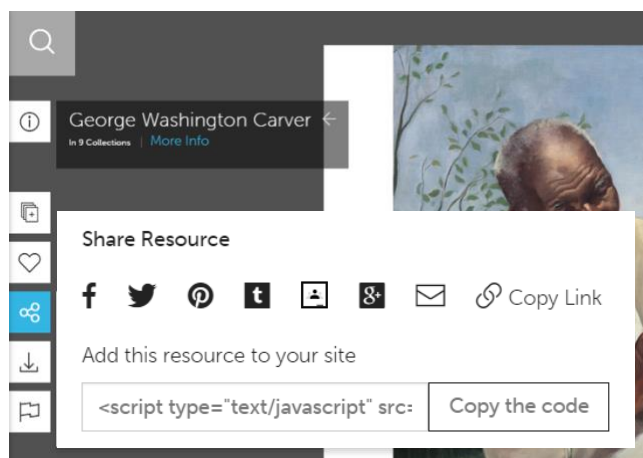
Add Metadata

In Edit Mode, click on Edit Info to change your collection's title, description, and add search filters (relevant subjects, age levels, etc.) to make your collection easily discoverable.


All words included in your title and description are searchable. Add **#NPGteach** anywhere in your description to tag your collection with this keyword. When a user searches **#NPGteach**, your collection will appear in their search results.



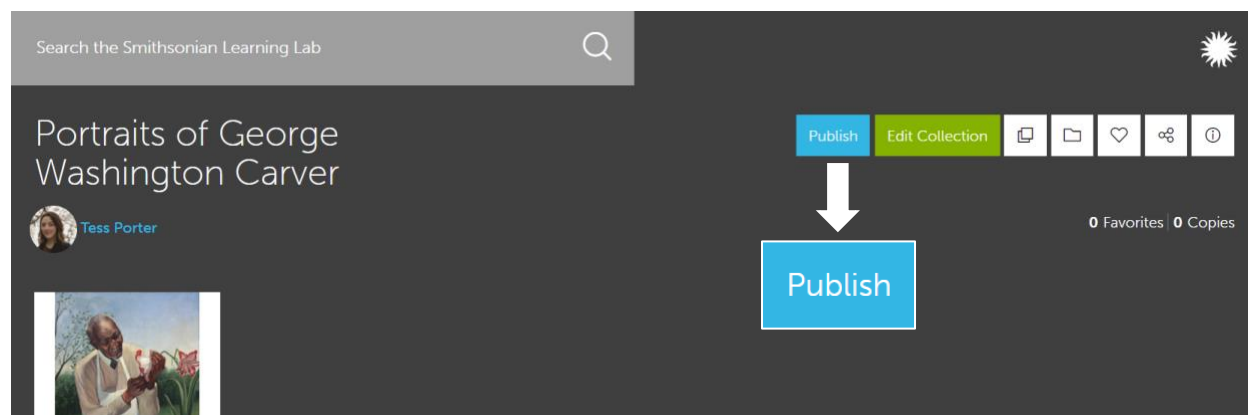
Share



You can share resources and collections from the Learning Lab through social media networks, email, and the web. You can also embed resources and collections into a website.

When viewing a resource or a collection, click the  (Share) icon to see your sharing options.

Publish Your Collection



All collections are unpublished by default, which means they are private unless you send their URL to someone else. To make your collections public, click on the blue Publish button.

Before publishing, make sure you've added the following so other users understand the “what” and “why” of your collection:

- Title: Say what is included in your collection and, if possible, your approach or the collection's purpose. Words included in this section are searchable.
- Description: Write a short paragraph about how this collection could be used in the classroom, and be sure to include tags (keywords) that are related to your topic. Words included in this section are searchable.
 - Add/tag your collection with #NPGteach.
- Search Filters: Relevant Subjects, Age Levels, Educational Features, and Standards (*if applicable*).

Once a collection has been published, it can be continually modified and edited. It can also be unpublished to republish at a later date.