

Fire Safety Academy Resource Library User Guide

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The images used in this guide are for training purposes only and do not necessarily reflect the resources available in the live version.

About the Resource Library

The Fire Safety Academy (FSA) has created a resource library that is an online collection of educational resources, documents, and materials to support your fire safety training. The resource library provides the following benefits:

- **Backed by research:** Content is grounded in the latest research and developed with the fire service.
- **Variety of formats:** Provided in a variety of formats to easily integrate with all your educational materials.
- **Free unlimited access:** The entire resource library is offered at no cost to you or your department.

Purpose of the resource library

The purpose of the resource library is to make it easier for you to develop fire safety training material by having existing educational resources and documents available to you. Through the resource library, you have the ability to browse, view, and download resources. The library also maintains a history of your downloaded items in your profile.

Types of resources

The resource library contains several different types of resources.

- **Images:** Both photos and illustrations are available.
- **PDFs:** Examples of these documents include fact sheets, quick-reference guides, worksheets, handouts, and instructor guides.
- **Videos:** Examples are demonstration videos, how-to videos, and animations.
- **Folders:** The resource library has folders that contain multiple related resources.
For example, a folder with several resources associated with hydraulic ventilation. See [Folders](#) in this document for more information.

How resources can and cannot be used

These resources are available for use in creating your own instruction materials to present to others for free. The resources in the library cannot be used for profit. For more details, please refer to the [Terms of Use](#).

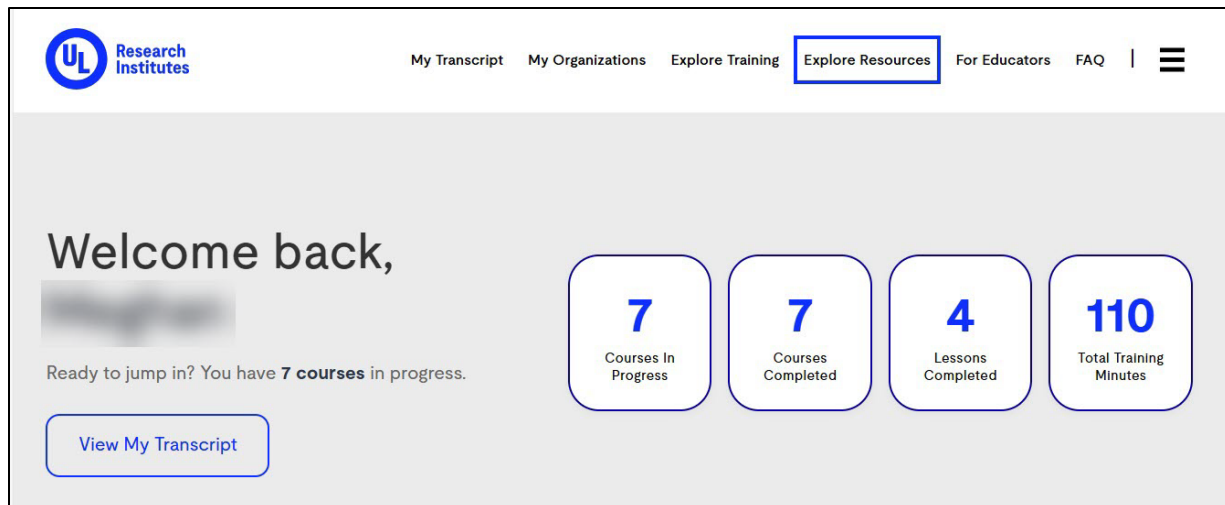
IMPORTANT: These resources **CANNOT** be used to misrepresent research findings or for slander.

Access the Resource Library

When you log into the FSA (<https://training.fsri.org/>), your personal training screen opens.

TIP: If you need assistance with creating an account or logging in, refer to the [Quick Start Guide](#).

Select **Explore Resources** to access the supplemental materials in the resource library.



Browse the Resource Library

The resource library landing screen displays the first page of supplemental materials. If you do not see what you are looking for, you can search using a variety of methods to find a specific resource.

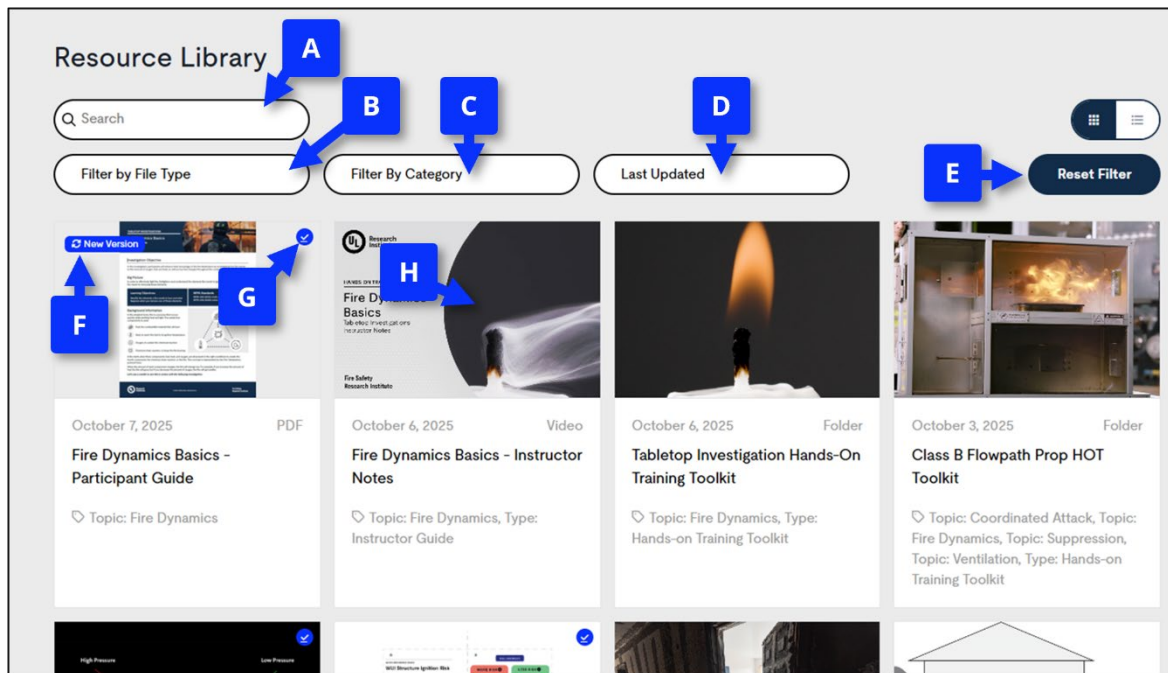
From this screen, you can:

- A. Search for a specific resource.

Tip: Begin to type the name of a resource in the search field to automatically narrow down the resource options.

- B. Select **Filter by File Type** dropdown to browse results for a specific format, such as Folder, Image, Video, PDF, etc.
 - C. Select **Filter by Category** dropdown to browse for results for a specific category topic or resource type. Topics are listed first in alphabetical order, followed by types in alphabetical order. Topic examples include Fire Investigation, Health and Safety, Ventilation, etc. Type examples include Fact Sheet, Lesson Plan, Quick-Reference Guide, etc.
 - D. Select **Last Updated** dropdown to sort the resources listed. You can sort by last updated, title (A-Z), title (Z-A), newest first, oldest first.
 - E. Select **Reset Filter** to clear all search, filter, and sort options and view all available resources.
- Note:** The search, filter, and sort option selected remain in effect even after viewing a resource and returning to the resource library. It is best practice to **Reset Filter** before searching for a resource.
- F. A **New Version** marker indicates that a new version of a previously downloaded resource was published. Redownload the resource and the indicator will no longer display.
 - G. A **checkmark** indicates that you have already downloaded this item from the resource library.

H. Select the tile for the resource you want to view.



Folders

To search for a folder:

1. Select **Filter by File Type** dropdown and select **Folders**. All folders in the resource library display.
2. Select the desired folder to view the materials contained within the folder.
3. While viewing the contents of a folder, you can download one item in the folder, or you can download all items in the folder. See [Download within a folder](#) in this document for more information.

View a Resource

To view a resource from the library, select its resource tile. The resource details screen displays. From the resource screen, you can:

- A. View the date the resource was last updated.
- B. View the resource file type.
- C. View the resource category.
- D. View details describing the resource.
- E. Select **View Video** to watch the video. This button displays only when the resource type is a video.
- F. Select **Download** to download the resource. See [Download a Resource](#) in this document for other download options.
- G. Select the **Learn more about** hyperlink to view additional information related to the resource.

H. Select **Terms of Use** in the footer at any time to see the terms and conditions.

The screenshot shows the 'Air Entrainment Animation' page. At the top, there is a blue header with a 'Back to Resource Library' link (A), the title 'Air Entrainment Animation', a description, and metadata (B: Last Updated: October 3, 2025; C: Type: Video; D: Topic: Suppression). A large play button icon is on the right. Below the header, the 'Details' section (D) contains text about air entrainment and a diagram (E) showing a water droplet with high and low pressure areas. To the right of the text are 'View Video' (F) and 'Download' buttons. Below the details is an 'Additional Information' section (G) with a link to 'Learn more about the fire attack study'. The footer (H) contains 'EXPLORE' and 'LEGAL' sections with various links, including 'Terms of Use', the UL Research Institutes logo, and social media icons.

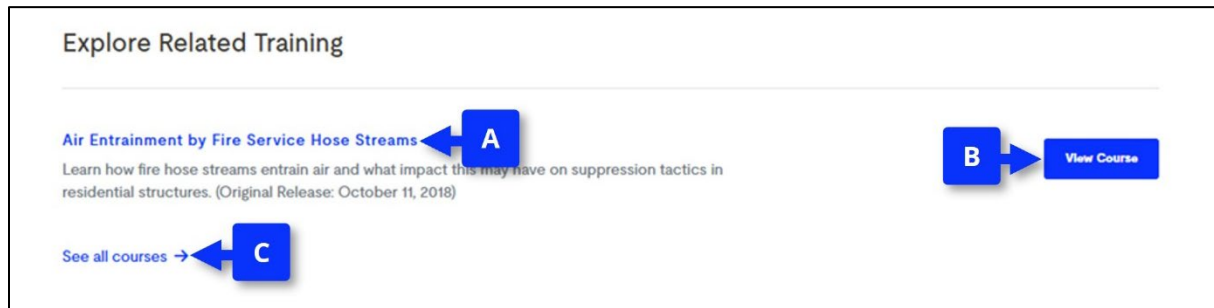
Explore related training

If there are courses and/or lessons the resource appears in, they are listed in the bottom section of the resource details screen. For example, if you are viewing the Air Entrainment Animation, then hyperlinks to other courses/lessons that contain this animation are listed.

From the Explore Related Training section you can:

- Select the title hyperlink to view the related course. The course home screen displays.
- Select **View Course** to view the related course. The course home screen displays.

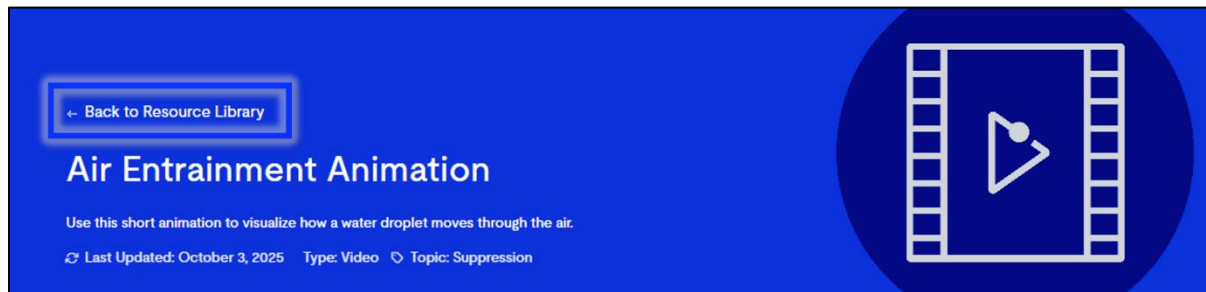
- C. Select **See all courses** to go to your Explore Training screen to view all courses and lessons available.



Back to resource library

Select **Back to Resource Library** to return to the library landing screen to continue browsing for resources.

Note: Any applied filters will still be active. Select **Reset Filter** to see all resources.



Download a Resource

There are several ways in which you can download a resource:

- Download from the resource library.
- Download from within a lesson and/or course.
- Download from within a folder.

Note: New accounts must accept the terms and conditions to download resources. The terms and conditions only need to be accepted once per account. If you decline the terms and conditions, you can still view resources, but you cannot download them.

- To accept the terms and conditions, select **I have read and agree to the Terms of Use above** and then select **Accept Terms & Continue**.
- To decline the terms and conditions, select **Cancel**.

a. Changes to terms

UL Research Institutes reserves the right to modify, amend, update, or delete these Terms at any time and for any reason without notice to you. Any such modifications, amendments, updates or deletions will be effective immediately upon posting. Your continued use of the Site after such posting shall be deemed to constitute acceptance by you of the changes. Also, UL Research Institutes may change or discontinue any aspect, service or feature of the

☒ I have read and agree to the Terms of Use above

Cancel

Accept Terms & Continue

Download from the resource library

To download a resource from the library:

1. Select **Explore Resources**.
2. Search or filter for the desired resource.
3. Select the resource tile to open it.
4. Select **Download**. The file is placed in your Downloads folder.

Details

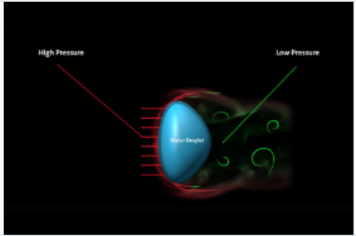
Understanding how a water droplet moves through the air is essential to understanding the fundamentals of your hose stream and, therefore, fireground suppression.

As visualized in this animation, a drop of water moving through the air compresses the air in front of it, creating an area of higher pressure in front of the droplet and an area of lower pressure behind the droplet. The low pressure behind the droplet and the turbulence it creates result in a drag force acting behind the droplet. This drag force pulls air behind the droplet as it moves through the air.

The same concept can be applied to your hose stream. As water from the hose stream moves through the air, it displaces the air in front of it, creating an area of lower pressure behind the stream, which pulls air along its path.

Additional Information

[Learn more about the fire attack study](#)



View Video

Download

Download from within a course

To download a resource from within a course:

1. Select **Explore Training**.
2. Search or filter for the desired course.
3. Select the course tile to open it.
4. From the course home screen, scroll down to see the list of **Resources**.
5. From here, you have several options:
 - a. Select the resource hyperlink to display the resource.

- b. Select the download icon to download the resource.
- c. Select **Download All** to download all resources associated with the course.

The screenshot displays the 'COURSE LESSONS' section on the left, which includes a table of lessons with checkboxes, titles, and durations. To the right, the 'Prerequisites' section provides context for the course. Below that, the 'Resources' section shows a list of available resources, including 'Air Entrainment Animation', and a prominent 'Download All' button.

COURSE LESSONS		
☒	Introduction	0:02
☒	Basics of Air Entrainment	0:03
☒	Factors Impacting Air Entrainment	0:05
☒	Summary	0:02
☒	Final Assessment	0:15

Prerequisites

A working knowledge of the fundamentals of fire science and fire dynamics in a structure is needed to understand the content presented in this course. We encourage you to take the [Fundamentals of Fire Science](#) and [Fire Dynamics in Structures](#) lessons before completing this course.

Resources

Air Entrainment Animation 

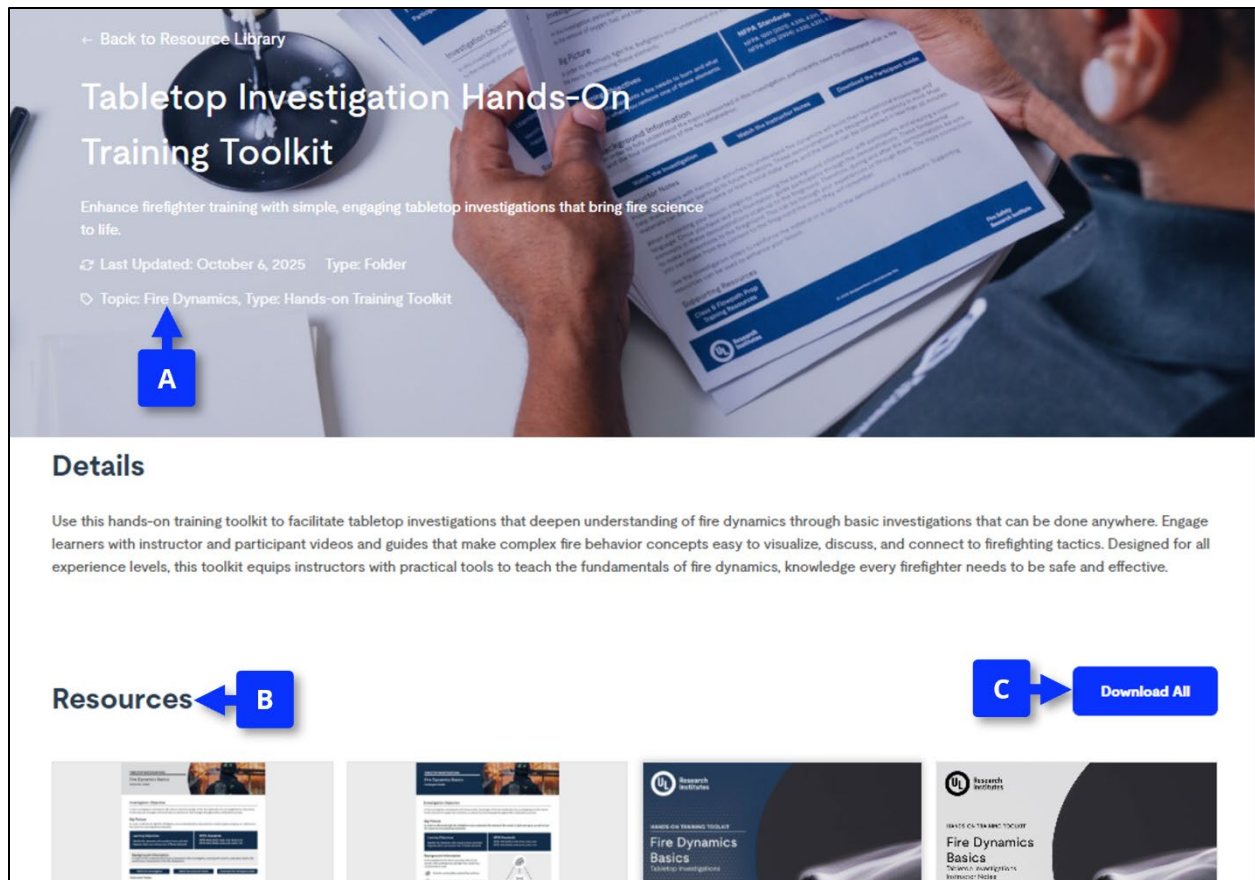
Download All

Download from within a folder

A resource can be a folder containing related items. To download the items in a folder:

1. Select **Explore Resources**.
2. Select **Filter by File Type** dropdown and select **Folders**. The folder resources display.
3. Select the desired folder tile to open it and browse the materials.
4. The heading displays the tag (A) related to the folder items, if applicable.
5. The **Resources** section (B) displays the individual resources in the folder.
6. To download an individual resource in the folder, select the desired resource and then select **Download**.
7. To download all the resources in the folder, select **Download All** (C). The resources will be downloaded as a .zip file.

Note: Downloading all resources may take a little while to complete.



Hands-on training toolkits

Training toolkits are examples of folders of material. Use the links below to access the toolkits:

- [Tabletop Investigation Hands-On Training Toolkit](#)
- [Class B Flow Path Prop Hands-on Training Toolkit](#)
- [Dollhouse Fire Behavior Prop Hands-on Training Toolkit](#)
- [Hose Stream Mechanics Hands-on Training Toolkit](#)

Access Downloaded Resources

Downloaded resources are placed in your **Downloads** folder on your computer. Open your **Downloads** folder to access the resource.

Access Your Download History (My Downloads)

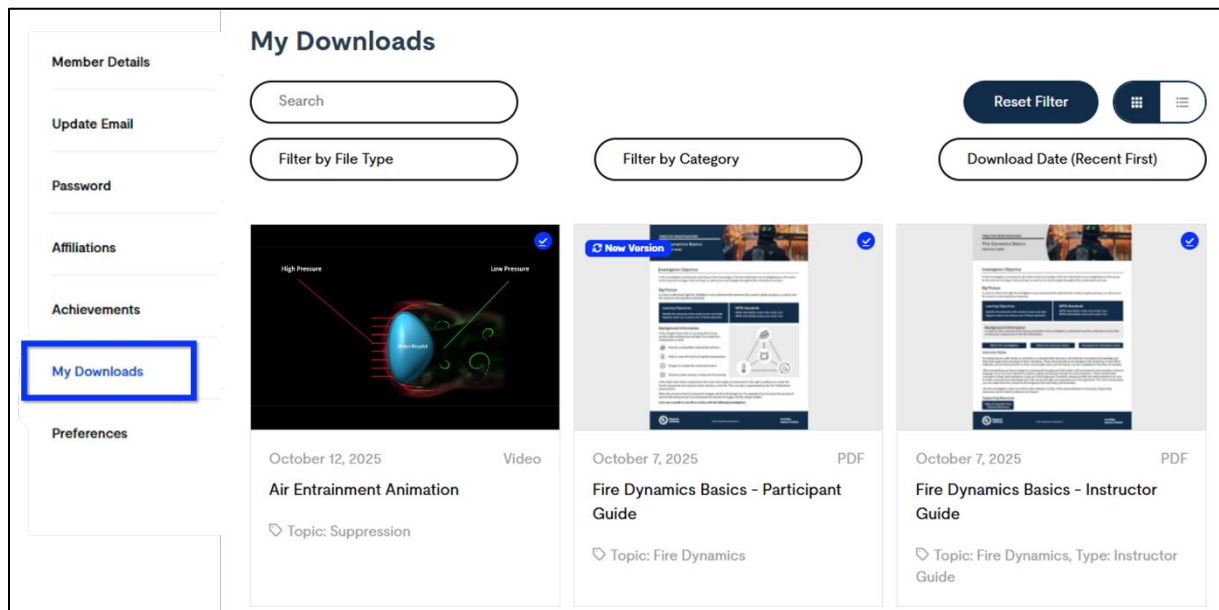
Your download history helps you keep track of materials you have downloaded and alerts you when newer versions are available.

To access your download history:

1. Select the menu in the top-right corner () and select **Profile**.



2. Select **My Downloads**.



The My Downloads screen displays.

From the My Downloads screen, you can:

A. Search for a downloaded resource.

Tip: Begin to type the name of a resource in the search field to automatically narrow down the resource options.

B. Filter the resources (by type or category).

C. Sort the items displayed by:

- Downloaded Date
- Title
- Last Updated
- First Updated
- Newest First

- Oldest First
- D. Select a resource with the **New Version** marker to open the latest version of that resource.
- TIP:** Once you redownload an item that has an updated version, the **New Version** marker goes away.
- E. Select **Explore Resources** to go back to the resource library.
- F. Select **Clear All Download History** to remove all materials from your My Downloads folder.

IMPORTANT: This action permanently deletes materials from your download history and cannot be undone.

The screenshot shows the 'My Downloads' section of the Fire Safety Academy interface. It includes a search bar (A), filter buttons for 'Filter by File Type' (B) and 'Filter by Category' (C), and a 'Download Date (Recent First)' dropdown. Below the filters are three resource cards. The first card is a video titled 'Air Entrainment Animation' dated October 12, 2025, with a 'Topic: Suppression' tag and an 'Explore Resources' button (E). The second card is a PDF titled 'Fire Dynamics Basics - Participant Guide' dated October 7, 2025, with a 'New Version' marker (D) and a 'Clear All Download History' button (F). The third card is a PDF titled 'Fire Dynamics Basics - Instructor Guide' dated October 7, 2025, with a 'Topic: Fire Dynamics, Type: Instructor Guide' tag. At the bottom right is a 'Reset Filter' button.

Additional Support

For additional support, see the [Frequently Asked Questions](#) page and the [Support Knowledge Base](#) page.

How to access the Help Desk

To submit a Help Desk ticket, see the [Contact Help Desk](#) page.

TIP: Before creating a Help Desk ticket, check if a solution exists on the [Frequently Asked Questions](#) page or the [Support Knowledge Base](#) page.

1. Complete the form with an email address, a subject that describes the type of issue, and a description of the specific issue.
2. Select **Submit** to create a Help Desk ticket.

Complete the form below to create a support ticket. Please be as specific as possible in your description of the issue.

EMAIL ADDRESS *

SUBJECT *

Please Select ▼

DESCRIPTION *

Submit

How to request resources for the library

To request a resource be added to the library, submit a Help Desk ticket. When our agents respond, be prepared to share with them a screenshot of the resource and where you encountered it.