

## eFundi Tutorial: Embedding video & Audio files into Lessons



It is often required to make a video or audio recording of content and to upload these files to eFundi for student access. A problem however arises when students open these files. When they click on these files or access them via the Lessons tool, the files automatically download. This results in high data usage and can be very expensive.

To overcome this, you could embed the files into eFundi, but this feature is not readily available on all platforms and tools within eFundi. Therefore, it is advised to embed video and audio files by making use of the **Rich Text Editor** capabilities within eFundi, allowing you to present the content on the screen.

The following tutorial will explain the steps involved in this process.

### Index

The following topics will be addressed in this tutorial:

[Embedding your own video in a Text editor](#)

[Embedding your own audio in the Text editor](#)

## Embedding your own video in a Text editor

[\(Back to index\)](#)

Even though this method would help reduce the data costs of your students, it is still advisable to reduce the file size of your video as much as possible before uploading them to eFundi. When done, you can upload them using an iframe to avoid automatic download in Chrome. To do so you will have to add the video with the Text editor, SOURCE code option. Follow the steps below to complete this process:

### Step 1 - Compress the video file size using Handbrake

HandBrake is a tool for converting video from nearly any format to a selection of modern, widely supported codecs.



The software is used in this capacity to **reduce the file sizes** of large videos, and can for example reduce a 100MB video to less than 10MB.

It is completely free and open sourced and can be used on multiple platforms such as Windows, Mac and Linux.

To download the Handbrake software click [here](#).

For a printable tutorial in the use of Handbrake click [here](#).

For a video tutorial in the use of Handbrake click [here](#).

Two screenshots of Windows file properties dialog boxes are shown side-by-side, connected by a large grey double-headed arrow labeled "Before & After". The left screenshot shows the properties for a file named "Assignments - Allowing resubmissions" (MP4 File, 41.1 MB). The right screenshot shows the properties for a file named "Assignments - Allowing Resubmissions-1" (M4V File, 5.12 MB). In both screenshots, the "Size" and "Size on disk" fields are highlighted with red boxes. The "Before & After" arrow points from the larger file on the left to the smaller file on the right.

File Name	Type	Size	Size on disk
Assignments - Allowing resubmissions	MP4 File (.mp4)	41.1 MB (43 117 076 bytes)	41.1 MB (43 118 592 bytes)
Assignments - Allowing Resubmissions-1	M4V File (.m4v)	5.12 MB (5 372 935 bytes)	5.12 MB (5 373 952 bytes)

## Step 2 - Upload the compressed video in a dedicated eFundi resource folder

The screenshot shows the eFundi interface with several red boxes and arrows indicating the steps:

- 1. Locate your site**: A red box highlights the 'ASTS 111 V Year 2019' dropdown menu in the top navigation bar.
- 2. Locate the Resources tool**: A red box highlights the 'Resources' icon in the left-hand navigation menu.
- 3. Go to Actions**: A red box highlights the 'Actions' dropdown menu in the top right of the resource list.
- 4. Choose Upload Files**: A red box highlights the 'Upload Files' option in the 'Actions' dropdown menu.

The main content area shows a list of resources under the heading 'ASTS 111 V Year 2019 Resources'. The list includes items like '2019 PHSE 2221', 'eFundi', 'Glide test', 'Lessons', and 'Livestreams'. The 'Actions' dropdown menu is open, showing options like 'Add', 'Upload Files', 'Create Folders', 'Add Web Links (URLs)', 'Create Text Document', 'Create HTML Page', and 'Add Citation List'.

## Step 3 – Copy the video URL

Find the file URL by right-clicking on its title in resources and clicking on *Copy Link Location*.

**Note:** Depending on your browser this term might be something else, e.g. *Copy Link Address*)

The screenshot shows a close-up of the resource list with a context menu open over the file 'Recording #1 Audio to PPT.mp4'. The 'Copy Link Location' option is highlighted with a red box.

The context menu options are:

- Open Link in New Tab
- Open Link in New Window
- Open Link in New Private Window
- Bookmark This Link
- Save Link As...
- Save Link to Pocket
- Copy Link Location**
- Search Google for "Recording #1 Au..."
- Send Link to Device
- Inspect Element (Q)

## Step 4 – Save this iFrame code for easy access (for video)

Copy the text in the box and save it in a .txt file on your Desktop or somewhere for easy access.

```
<p style="text-align:left" > <video controls="" width="80%"><source src="Insert file URL here" type="video/mp4" /></video> </p>
```

## Step 5 - Paste the copied file URL iFrame code

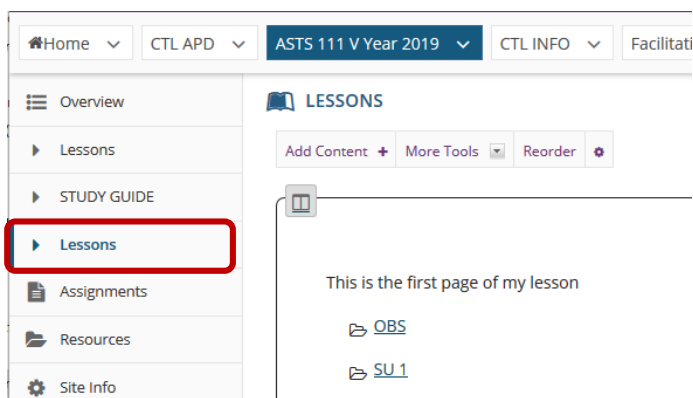
Paste the copied file URL in the dedicated space (marked in yellow here) in the iFrame code.

### Before

```
<p style="text-align:left" > <video controls="" width="80%"><source src="Insert file URL here" type="video/mp4" /></video> </p>
```

### After

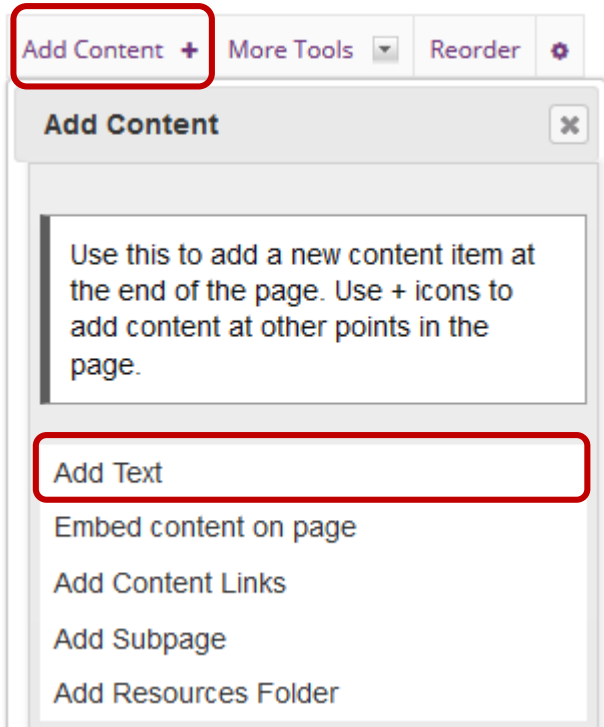
```
<p style="text-align:left" > <video controls="" width="80%"><source src="http://efundi.nwu.ac.za/access/content/group/37d951f2-d770-4e51-9017-0fdde083540b/Video%20Tutorials/Quick%20video%20tutorials/Assignments%20-%20Lecturer%20access%20TII%20report%20_student%20submit_.mp4" type="video/mp4" /></video> </p>
```



Now, copy the edited iFrame code and go to your lessons page.

## Step 5 – Add the video in Lessons

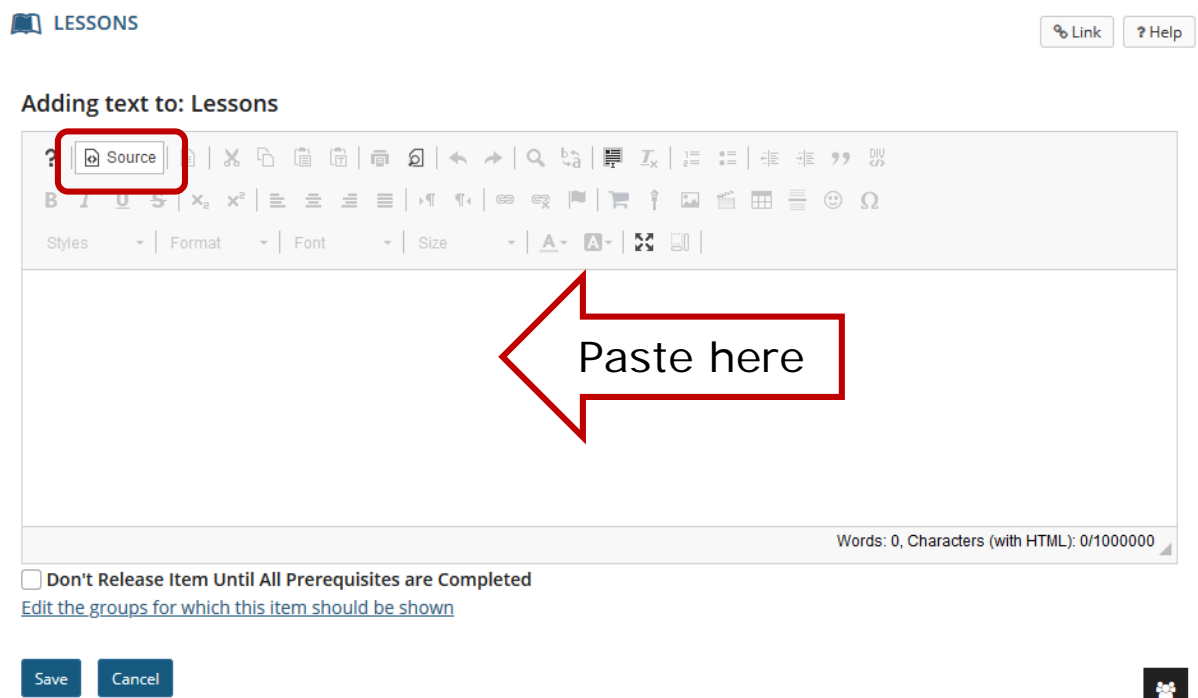
Navigate to the desired Lessons page or subpage and click on **Add Content +** and then click on **Add Text**.



## Step 6 – In the Rich Text Editor click on 'Source' and paste the iFrame code

LESSONS Link Help

Adding text to: Lessons




Words: 0, Characters (with HTML): 0/1000000

Don't Release Item Until All Prerequisites are Completed  
[Edit the groups for which this item should be shown](#)

Save Cancel

## Step 7 – Click Save and voila

 LESSONS

 Print view

 Index of pages

 Link

 ? Help



# Embedding your own audio in a Text editor

[\(Back to index\)](#)

## Step 1 - Upload the audio file in a dedicated eFundi resource folder

The screenshot shows the eFundi interface with the following elements highlighted:

- 1. Locate your site:** A dropdown menu at the top showing 'ASTS 111 V Year 2019'.
- 2. Locate the Resources tool:** A button labeled 'Resources' in the left sidebar.
- 3. Go to Actions:** A dropdown menu labeled 'Actions' next to a resource entry.
- 4. Choose Upload Files:** An option 'Upload Files' in the context menu that appears after clicking 'Actions'.

Access	Created By	Modified	Size
Entire site	NADINE SMIT	02-Jul-2019 13:52	10 items
Public		06-Apr-2020	
Entire site	NADINE SMIT	08:56	2 items
Entire site	NADINE SMIT	26-Jun-2019 13:56	2 items
Entire site	NADINE SMIT	18-Jun-2019 15:16	1 item

## Step 2 – Copy the audio URL

Find the file URL by right-clicking on its title in resources and clicking on *Copy Link Location*.

The screenshot shows a context menu for the resource 'Recording #1 Audio to PPT.mp4'. The 'Copy Link Location' option is highlighted with a red box.

**Note:** Depending on your browser this term might be something else, e.g. *Copy Link Address*

### Step 3 – Save this iFrame code for easy access (for audio)

Copy the text in the box and save it in a .txt file on your Desktop or somewhere for easy access.

```
<p><video controls="" height="50" width="400"><source src="Insert File URL here" type="video/mp4" /></video></p>
```

### Step 4 - Paste the copied file URL iFrame code

Paste the copied file URL in the dedicated space (marked in yellow here) in the Iframe code.

#### Before

```
<p><video controls="" height="50" width="400"><source src="Insert File URL here" type="video/mp4" /></video></p>
```

#### After

```
<p><video controls="" height="50" width="400"><source src="http://efundi.nwu.ac.za/access/content/group/2832fe04-a31d-4247-8c6c-9c2184da1bb6/Katie%20Melua%20-%20Nine%20Million%20Bicycles.mp3" type="video/mp4" /></video></p>
```

Home | CTL APD | ASTS 111 V Year 2019 | CTL INFO | Facilitati

Overview

- Lessons
- STUDY GUIDE
- Lessons**
- Assignments
- Resources
- Site Info

LESSONS

Add Content + More Tools Reorder

This is the first page of my lesson

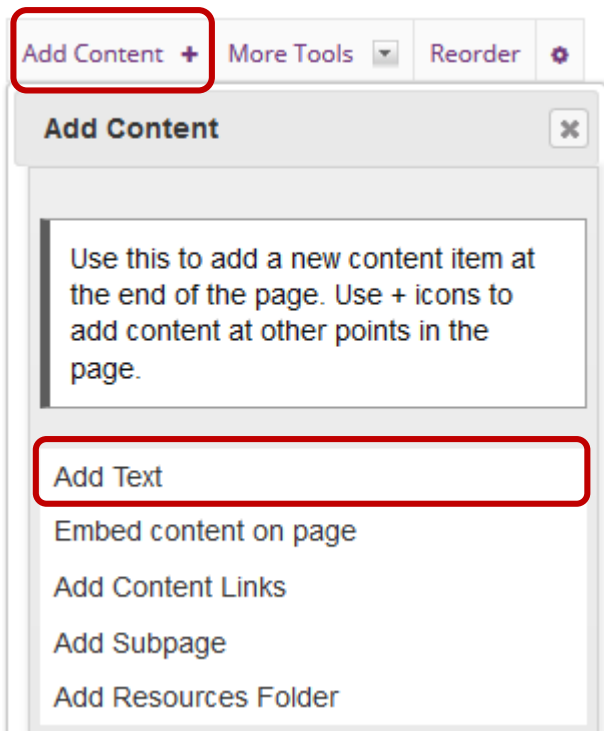
- [OBS](#)
- [SU.1](#)

Now, copy the edited iFrame code and go to your lessons page.

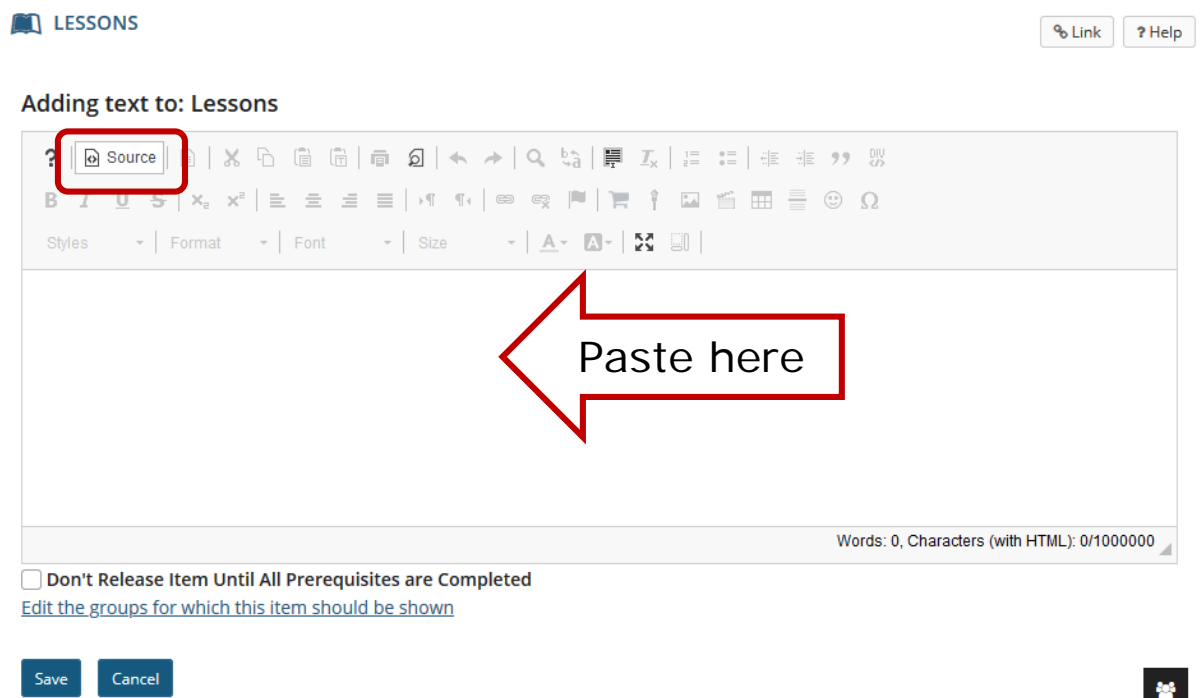


## Step 5 – Add the video in Lessons

Navigate to the desired Lessons page or subpage and click on **Add Content +** and then click on **Add Text**.




## Step 6 – In the Rich Text Editor click on 'Source' and paste the iFrame code



## Step 7 – Click Save and voila

 LESSONS

 Print view

 Index of pages

 Link

 Help

This is the first page of my lesson



Student view of embedded audio file