

Playing Videos on YouTube

Digital Literacy User Documentation

Code for Nepal

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1. Introduction

YouTube is a free website where videos that entertain, inform, and instruct are shared. Five billion videos have been created and posted by experts, businesses, or artists. YouTube is a valuable education tool for those learning in the digital age. In the classroom, it can aid comprehension by providing a visual for complex procedures, ideas, and concepts.

Additionally, YouTube videos can more effectively generate discussion on a topic.

Digital literacy describes the ability to be able to navigate and communicate through digital environments such as YouTube. This documentation provides the information necessary to effectively use YouTube as the website's interface can be challenging.

Digital literacy can help to achieve goals and values. For example, classroom technologies can promote quality education. According to NepalMap, only 66% of people in Nepal can read and write. Furthermore, only 39.3% have achieved education past a primary level. Poor quality, geographical remoteness, and gender differences are some of the barriers that persist in Nepal's education.

Integrating YouTube into school systems promotes accessible education as videos can be shared with students at home or in the classroom. Higher levels of education are associated with economic growth, reduced income inequality, and increased social trust.



2. Overview

This manual provides instruction on how to use features on YouTube such as:

- The search bar
- Video selection
- Play/Pause button
- Volume/Mute button
- Closed captions
- Full screen/Theatre mode

2.1 Instruction Format

This manual will use figures and step-by-step instructions to describe how to search for a video on YouTube. Pictures are used to demonstrate the step, with annotations such as arrows to emphasize important concepts.

When an action is required, it is shown by a line beginning with the word “Step” and follows with the corresponding number. For example:

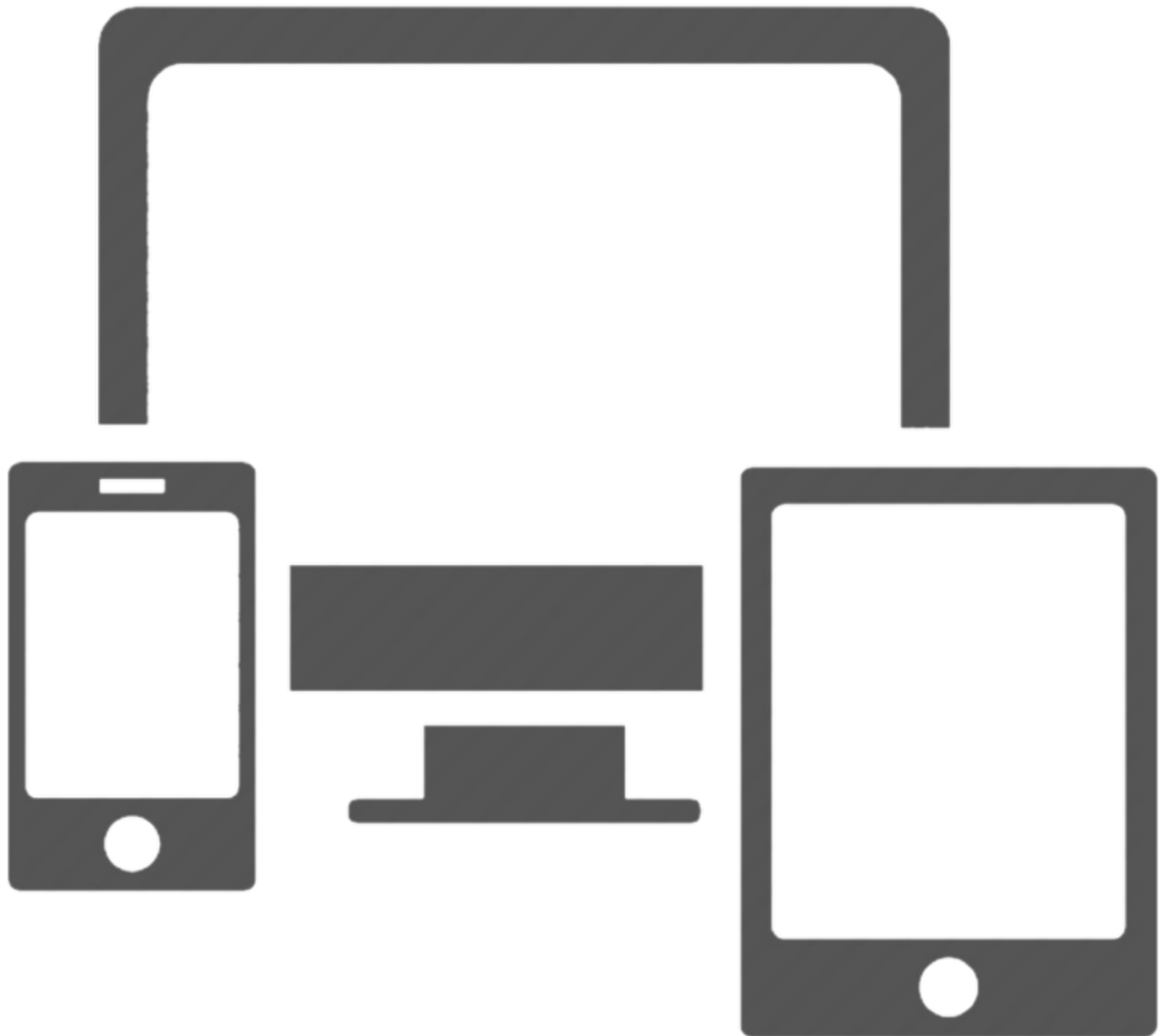
Step 1: Turn on the computer.

Step 2: Click on *Microsoft Edge*.

Note: This document uses the term “user” to reference the reader who will carry out the steps.

3. User Access Considerations

YouTube can be accessed using any computer or mobile device with an internet connection. This document focuses specifically on computers. Any web browser including Safari, Internet Explorer, or Google Chrome may be used to navigate to the website. This manual uses Microsoft Edge, the default web browser for Microsoft 10.



4. Using YouTube

The following sections provide step-by-step instructions on how to use the various features of YouTube in order to play a video.

4.1 Getting to YouTube

The user must first get to YouTube.

Step 1: Open *Microsoft Edge*.

Step 2: Type “www.YouTube.com” into the *address bar*.

Step 3: Press *enter*.

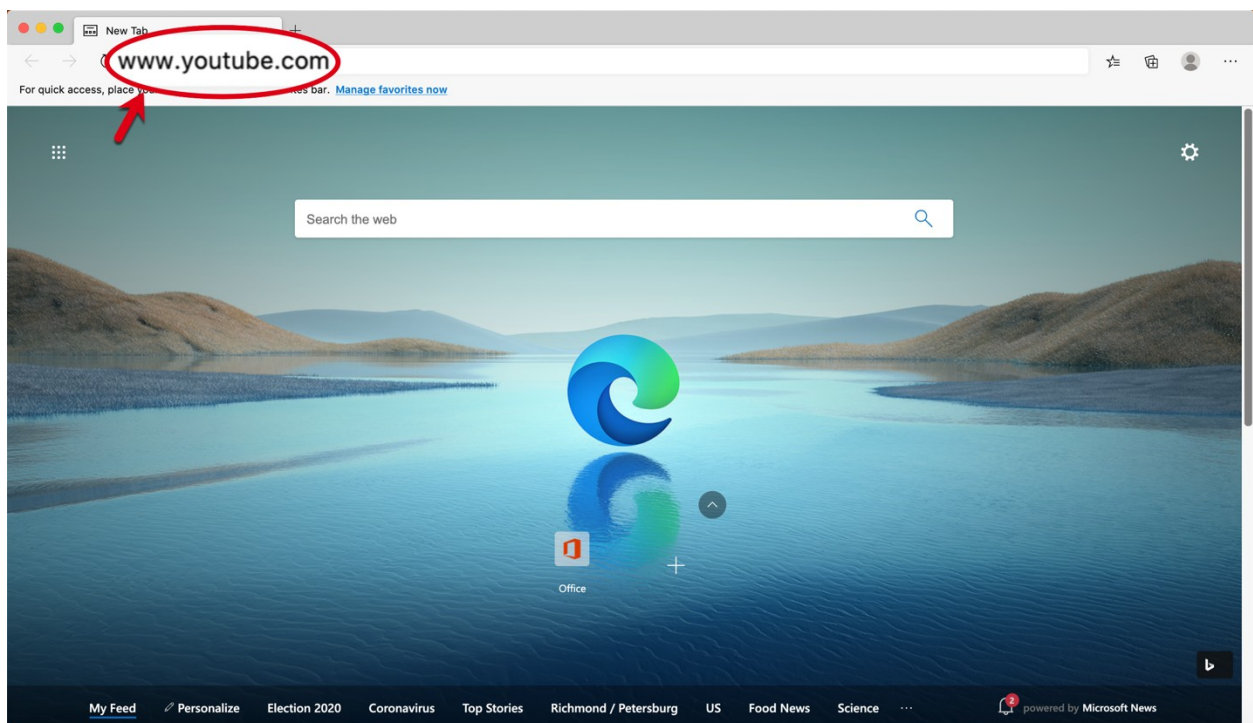


Figure 1. Entering the web address

4.2 Searching for a Video

The user is brought to YouTube's homepage. The homepage is a place to view recommended videos or begin a search for a video. The user must use the search function to find a video.

Step 1: Click on the *Search bar* at the top of the screen.

Step 2: Type in the desired video topic. For example, "the rock cycle."

Step 3: Press the *magnifying glass* icon to the right of the *Search bar*.

Note: YouTube's algorithm will suggest a list of *suggested search terms*. The user may select one of the *suggested search terms* that appears below the *search bar* instead.

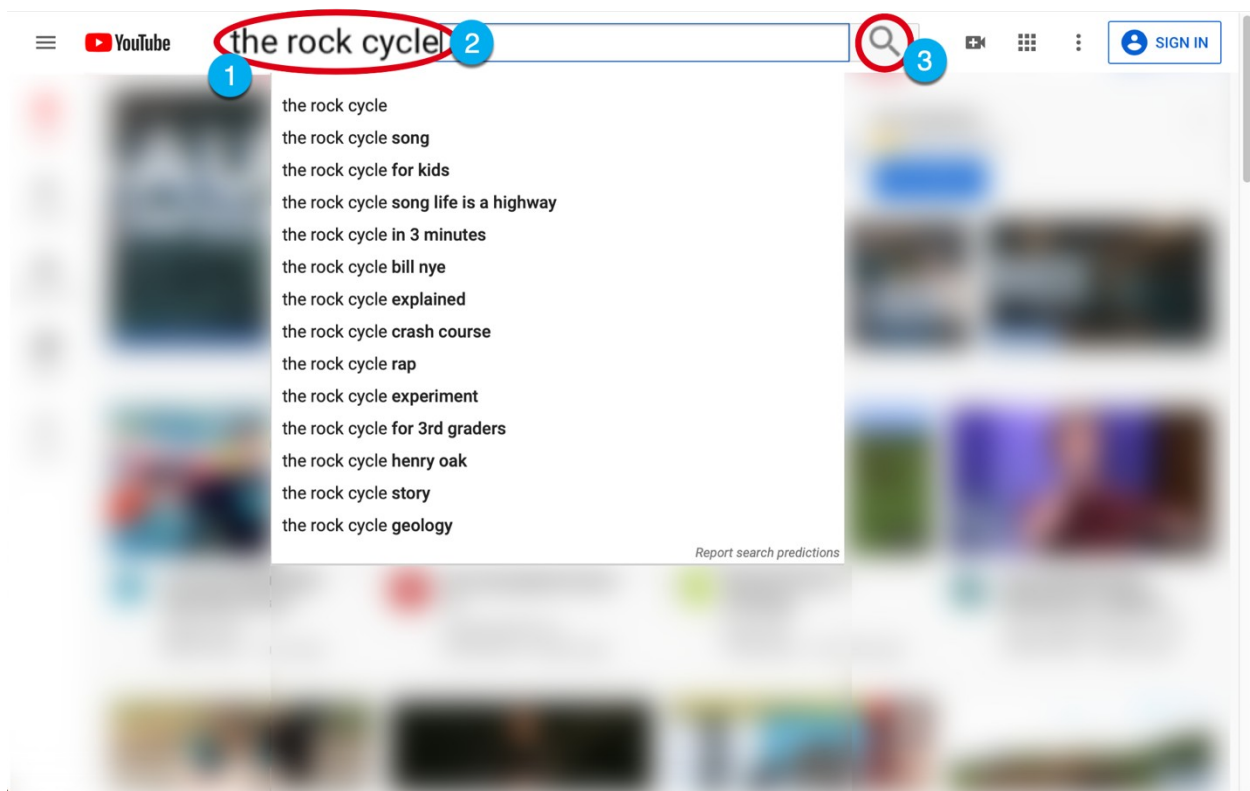


Figure 2. Using the search bar

4.3 Selecting a Video

Multiple search results appear. For each *search result* the following appears:

- Video title
- Creator
- Number of views
- Date created
- Video description
- Video length
- Video image

The user can use this information to select a video.

Step 1: Drag the cursor to the video's title or image.

Step 2: Click on the video's title or image.

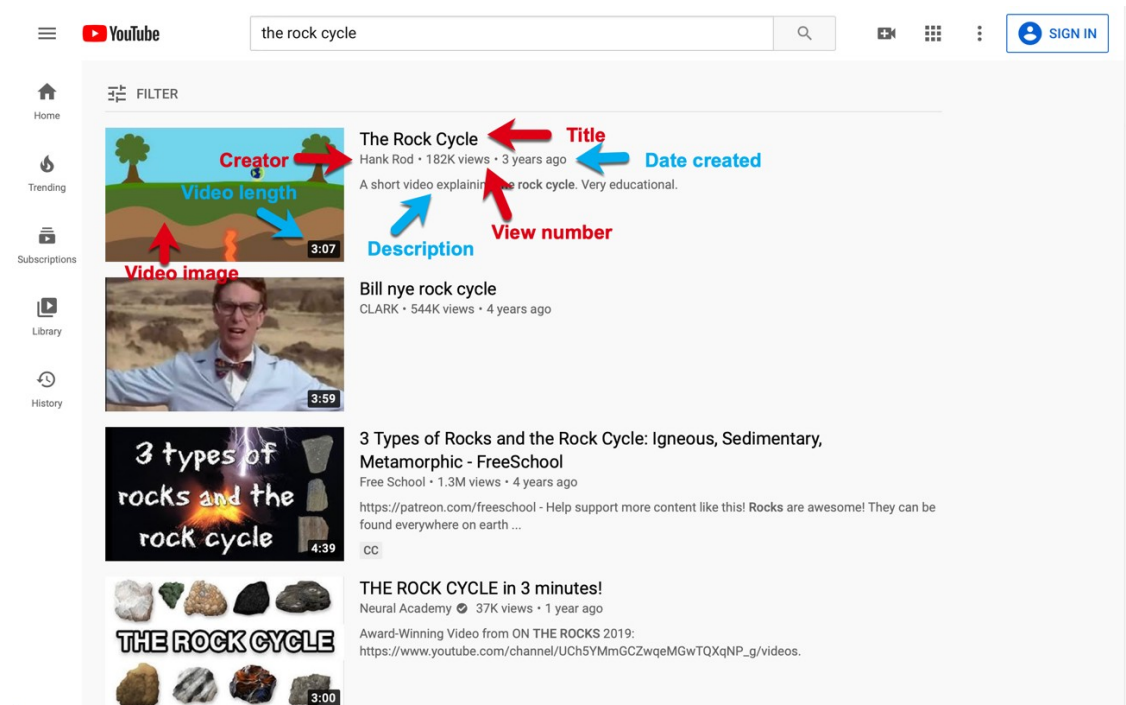


Figure 3. Examining search results

4.4 Playing and Pausing a Video

The video should automatically begin playing after selecting a video from the search results. To enable its audio, use the keyboard's volume control buttons.

Note: An advertisement may play first. If an advertisement plays, press *Skip Ad* on the bottom right of the video if given the option or wait until the advertisement ends.

The user can pause a video to stop the video at a certain point.

Step 1: Move the cursor over the *video control area*.

Step 2: Click on the *Pause button* on the left end of the *video controls area*.

Note: Once the *Pause button* has been clicked on it will turn into an arrowhead known as the *Play button*. The *video controls area* shows the user how much time has elapsed on the video compared to the video's total length when it was paused.

Step 3: Click on the *Play button* in the *video controls area* to start the video again from where it was paused.

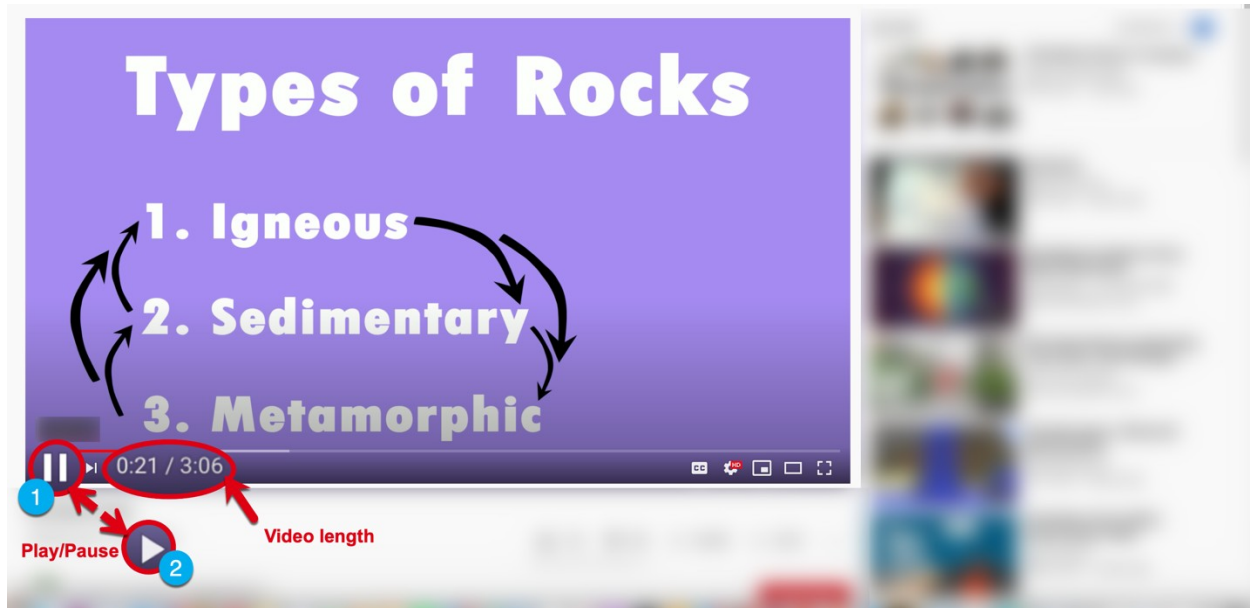


Figure 4. Using play and pause

4.5 Muting and Adjusting the Volume of a Video

The *video controls area* allows the user to adjust the volume of the video or mute the video altogether.

Step 1: Click on the *volume button* (speaker icon) to mute the video.

Note: The video will still play without sound.

Step 2: Click on the *volume button* (speaker icon) again to unmute the video.

Step 3: Click on the circle next to the *volume button* (speaker icon) and drag it up or down the bar that it is attached to.

Note: Dragging the circle up the bar will increase volume. Dragging the circle down the bar will decrease volume.

Note: Adjusting the volume and muting the video can also be accomplished using the computer's volume controls on the keyboard.

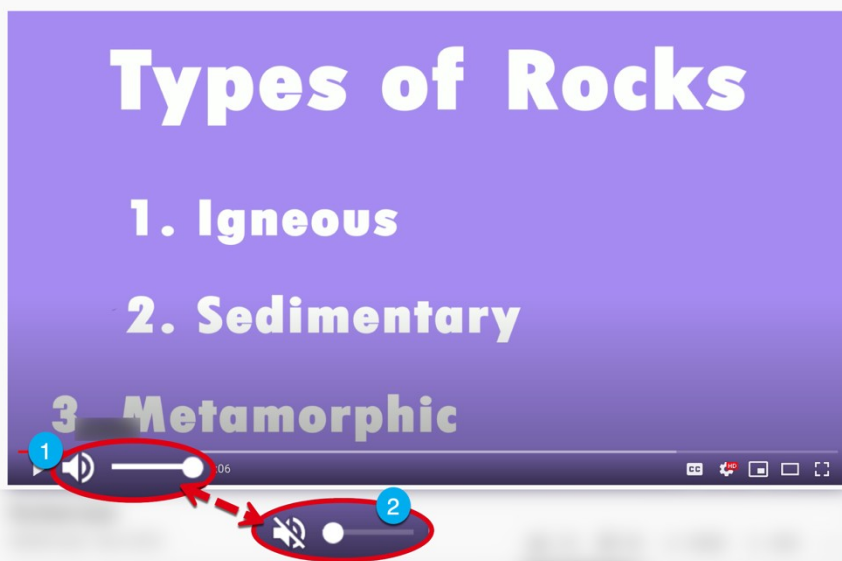


Figure 5. Altering the video's volume

4.6 Enabling Closed Captions on a Video

The subtitles/*closed captions* (CC) feature display the video's audio as text on the bottom of the video screen. The user can translate videos in Nepali. English is the language automatically used for closed captions. The user will need to switch the language to Nepali.

Step 1: Click the Subtitles/*closed captions* button in the *video controls* area.

Step 2: Click the *Settings* button (gear icon) in the *video controls* area.

Step 3: Click on *Subtitles/CC* in the menu that appears.

Step 4: Click on *Auto-translate* in the menu that appears.

Step 5: Scroll down and click on *Nepali*.

Note: The list of languages for closed captions is in alphabetical order.

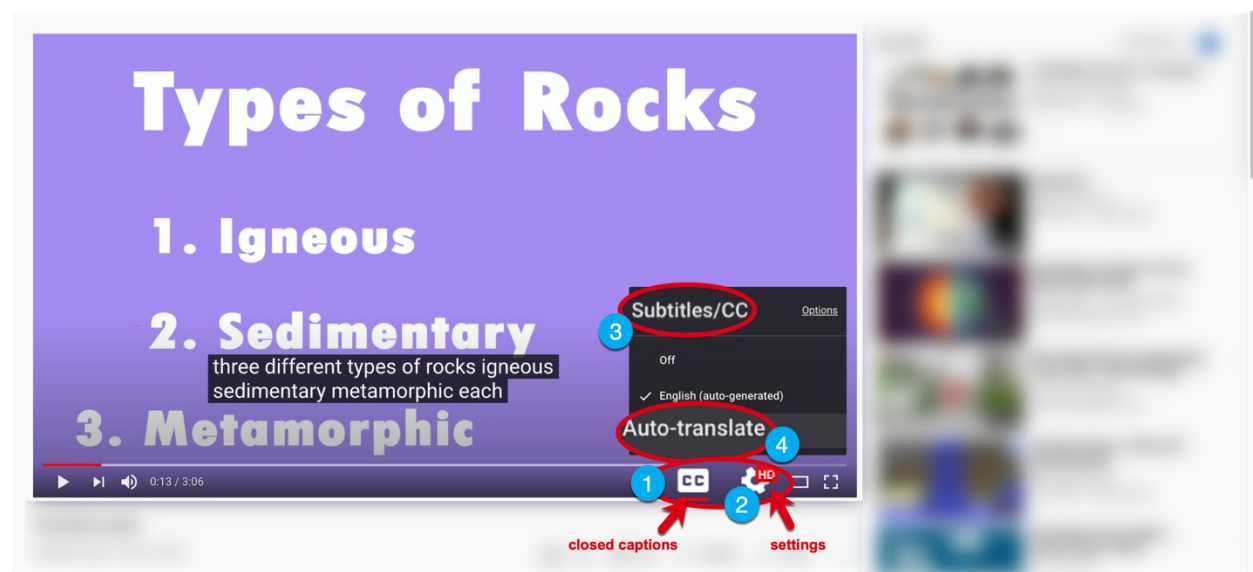


Figure 6. Enabling closed captions

4.7 Modifying Display Size

YouTube provides features to change the size of the video's display. The user can play the video in theatre mode or full screen mode.

Step 1: Hover over the *video controls area* and click on *theatre mode* (solid box).

The video should now be displayed using more space from the top of the page.

Note: Once theatre mode is selected its icon will change to a smaller box labeled *default view*.

Step 3: Select *default view* to return to the video's regular display.

Step 4: Hover over to the end of the *video controls area* and click *full screen*.

The video should now be displayed using the device's entire screen.

Note: The icon will now be labeled *exit full screen*, and the arrows in the icon will be inverted.

Step 5: Click *exit full screen* to return to the video's regular display.

Note: This can also be accomplished by pushing the *escape (esc)* key on the computer's keyboard.



Figure 7. Altering the video's display