



# COMP1710/6780

## Web Development and Design

## Class representatives

Please support your Course Representative when they seek your views on the course and how it is working/not working for you.

**COMP1710**      **Laiken Tuadles**  
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**COMP6780**      **Yuxiang Man**  
**Si Chen**  
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Your COMP1710 Student  
Class Representative is:

**Laiken Tuadles**  
**Jun Cheng Zhang**  
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Your COMP6780 Student  
Class Representatives are:

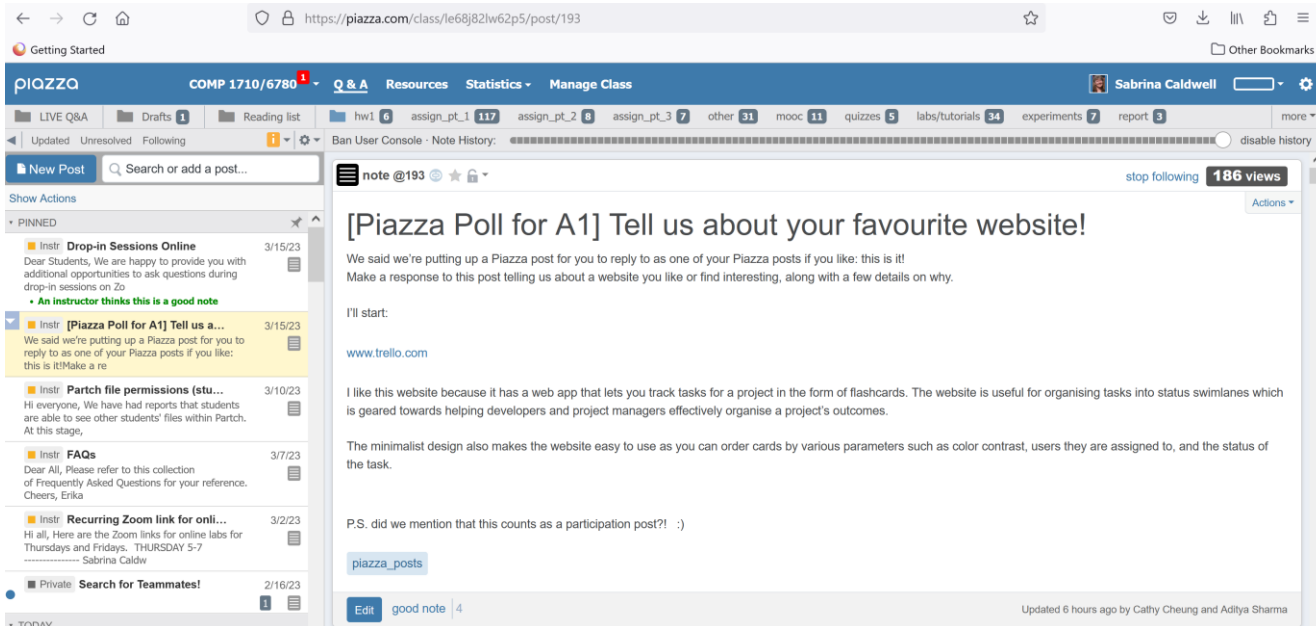
**Yuxiang Man**  
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- ❑ Yixuan Zhan
  - ❑ **COMP6780** Course Representative
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- 

## ABOUT ME

## Piazza Poll – @193



The screenshot shows a Piazza interface for the class COMP 1710/6780. The main post is a poll titled "[Piazza Poll for A1] Tell us about your favourite website!" by user @193. The post content reads: "We said we're putting up a Piazza post for you to reply to as one of your Piazza posts if you like: this is it! Make a response to this post telling us about a website you like or find interesting, along with a few details on why. I'll start: www.trello.com I like this website because it has a web app that lets you track tasks for a project in the form of flashcards. The website is useful for organising tasks into status swimlanes which is geared towards helping developers and project managers effectively organise a project's outcomes. The minimalist design also makes the website easy to use as you can order cards by various parameters such as color contrast, users they are assigned to, and the status of the task. P.S. did we mention that this counts as a participation post?! :)" The post has 186 views and was updated 6 hours ago by Cathy Cheung and Aditya Sharma. The left sidebar shows a list of pinned posts, including "Drop-in Sessions Online", "Piazza Poll for A1", "Partch file permissions", "FAQs", "Recurring Zoom link", and "Search for Teammates!".

## Midterm quiz notification error

Reminder that there is no midterm quiz in this class – a notification was sent in error.

WHEN ALL ELSE  
FAILS,  
READ  
THE  
INSTRUCTIONS

No matter how fancy your site is already, you won't get a good mark if you don't:

- ✓ include the assignment specification elements clearly described in Part 1 items 1.1 – 1.10
- ✓ have an index.html to enter your site
- ✓ have an assignment.html for your marker to find your elements
- ✓ submit it on time

You can do *great* if you just ***meet the brief !***

*The following 10 slides are reminder info only – I will not be speaking to them.*

# Comp1710/6780 – Assignment Part 1

## Worth 1 mark

**From assignment.html Your *Me and My Passion***

Replace this line with your URL link to this element in your website. Notes: Provide any notes you may have about this element here.

**From Assignment Specification:**

Introduce yourself and/or your passion, interest or hobby etc. Write a mission statement or list of goals similar to the idea of a brief statement of the mission and list of goals in chapter 1 of the Unusually Useful Web Book. This section should probably take 200-400 words or so.

## What we will be looking for...

Introduction: We will be looking for a thorough, clear and succinct (not too rambling) summary. This would be worth 1 mark. A good but not entirely clear or thorough introduction is .75 mark, too verbose or too short or not a clear connection to your topic would be .50 mark, mostly irrelevant to the topic is .25.

# Comp1710/6780 – Assignment Part 1

## Worth 1 mark for CSS

### From assignment.html CSS

Replace this line with your URL link to this element in your website.

Notes: Provide any notes you may have about this element here.

### From Assignment Spec:

Create an external (separate) CSS file. Use at least 10 CSS rules. **Make sure your CSS includes comments that would be useful to someone taking over the maintenance of your site**, things like the purpose of each rule, exceptions to its use and the choice you made as to which selector you specified. If you create more than one CSS make sure they are deployed in a Cascading manner, i.e. there should be at least one default CSS that will be applied to all the pages in your site, with specialised CSS then being applied to specific pages of the web site.

## What we will be looking for...

Thorough and clear and well commented CSS with 10 or more rules will get 1 mark. Good CSS with commenting and 10 or more rules will get .75 mark, a range of faults will receive .50 marks, too few rules will normally receive .25. Please note that we have to use our judgement here a bit as sometimes we see one selector with 10 grouped rules, which isn't really meeting the intent of this element. We expect you to have at least 3-4 selectors with 1 or more rules each (that add up to 10 or more rules). It isn't hard at all to get up to 10 rules across a range of selectors, and we will look at that.

## Comp1710/6780 – Assignment Part 1

### Worth 1 mark

#### From assignment.html Site Map

Replace this line with your URL link to this element in your website.

Notes: Provide any notes you may have about this element here.

#### From Assignment Spec:

This page should clearly depict the organisation/structure of the web site, possibly using a table or links (or both) or an image map. *Make sure you update the site map as you expand your web site in Parts 2 and 3.*

### What we will be looking for...

A clear and easy to navigate site map will usually get a full mark. A good or somewhat less than good sitemap will usually receive .75 or .50 depending on the problems, and a difficult to follow sitemap may receive .25.



# Comp1710/6780 – Assignment Part 1

## Worth 1 mark

### From assignment.html Source Log

Replace this line with your URL link to this element in your website.

Notes: Provide any notes you may have about this element here.

### From Assignment Spec:

You will need to keep a log. A typical log describes the list of sources you used for your project and the modifications you applied to them. The origin of the source should be given in enough detail to ensure the marker can access the source whenever it is possible (URL, ISBN etc). *Make sure you update the source log as you expand your web site in Parts 2 and 3.*

### What we will be looking for...

A clear source log with complete information and easy to find sources (with links as appropriate) is usually given a full mark. As the source log becomes less complete and/or more difficult to follow, it receives less.

# Comp1710/6780 – Assignment Part 1

**Worth 1 mark**

## **From assignment.html Feedback Form**

Replace this line with your URL link to this element in your website.

Notes: Provide any notes you may have about this element here.

## **From Assignment Spec:**

Create a page which takes feedback from visitors to your site via a form.

## **What we will be looking for:**

For a full mark, we'll be looking for a working feedback form that is easy to use and understand, has a few sensible fields, and has some CSS formatting. As the form becomes sparse or difficult to use, the marks decrease.

# Comp1710/6780 – Assignment Part 1

## Worth 1 mark

### Coherence

We will be looking some sense of flow and unbroken links in your site. This is only part 1 so your site is still young, but you should have some colour scheme, some similar usage of fonts, your subject should be obvious and your pages should work together.

### What we will be looking for:

This is where we judge how your website hangs together. We'll look for a well structured website about a clear subject for full marks. If your site is well structured but your subject needs better definition, or it is only reasonably coherent, or it is not coherent but more fragmented, you will get less of a mark. If you have a website at all, you will get .25 of a mark.

## Comp1710/6780 – Assignment Part 1

**Worth 1 mark**

### **Quality**

Even in a young site the elements can be visually appealing. We will be looking for appropriate colour schemes and font strategies, harmonious use of space, a few relevant and interesting images if appropriate for your site, etc..

### **What we will be looking for:**

Visually appealing, with a good amount of content and well-designed with excellent readability will be a full mark, and as the quality goes down from this there will be less of a mark.

## Comp1710/6780 – Assignment Part 1

**Worth 1 mark**

### **Coding**

We will be looking at your html and css coding. We want to see well structured, clear coding with appropriate use of indenting and especially good commenting.

### **What we will be looking for:**

You all know that we have emphasised the need to have well structured code with good comments and indents and white space. That is what we will be looking for, along with a good quantity of code having been written, for full marks.

## Comp1710/6780 – Assignment Part 1

**Worth 1 mark**

### **Creativity**

Although later (assignment part 3) we will be expecting to see good creativity in your website, even as a young site we expect to see some of the reason why you chose the subject you chose. We will look for your use of creativity in presenting the subject (so far) to us.

### **What we will be looking for:**

We will be looking to see that you have given your website some thought, and used your imagination and creativity to create some content that expresses your subject well and interestingly.

## Comp1710/6780 – Assignment Part 1

**Worth 1 mark**

### **Submission**

Just submitting your assignment part 1 is an important achievement. If you have submitted your assignment properly (ie we don't find only a zip file or just your student directory with no index.html) and it is on time you will get this full mark.

### **What we will be looking for:**

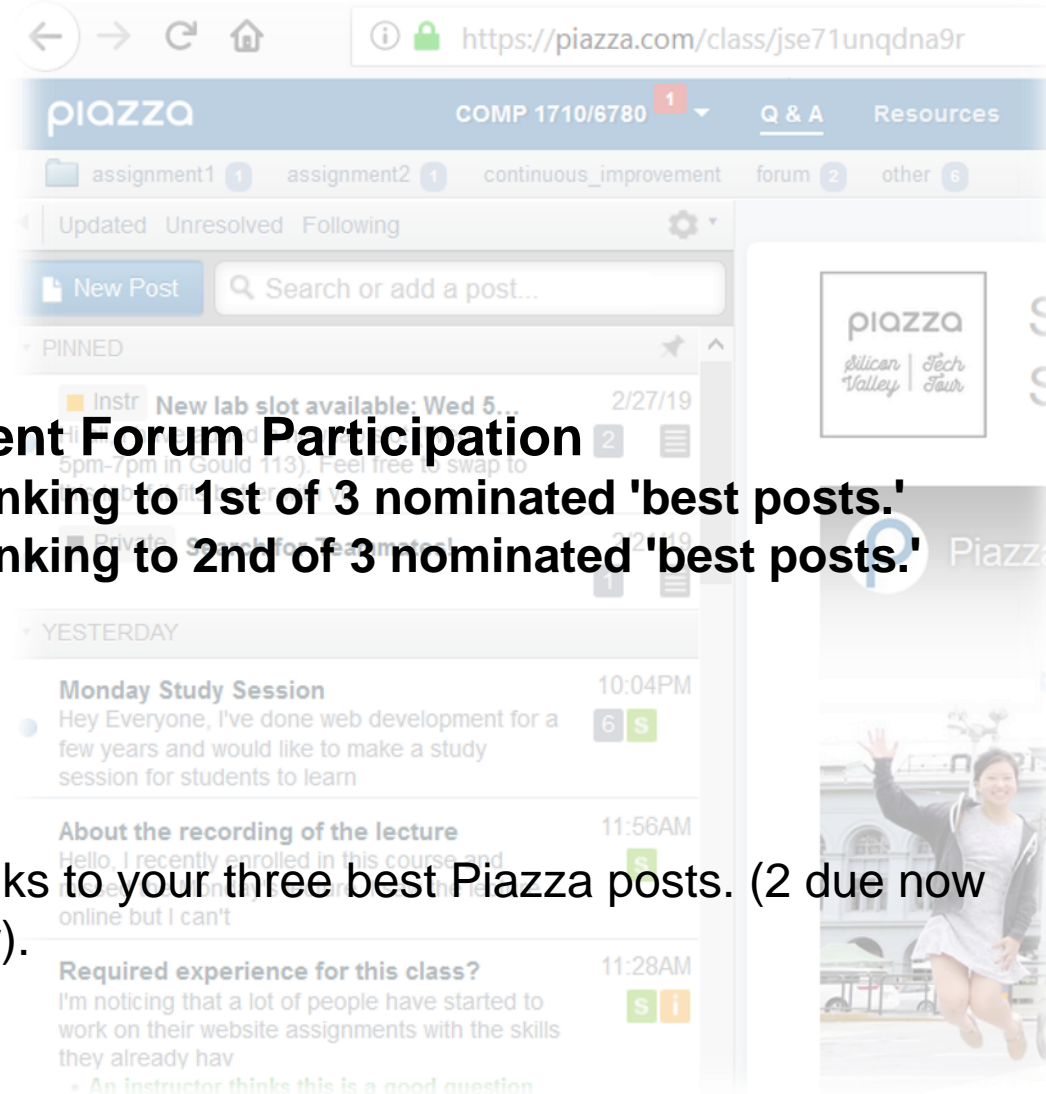
If your website is loaded correctly into your Partch space, with at least an index.html and an assignment.html, and the permissions are set properly so that we can see your files, then you'll get this mark.

**Worth 4 marks –  
2 posts with maximum  
of 2 marks each**

**From assignment.html    Student Forum Participation**  
**Replace this line with your URL linking to 1st of 3 nominated 'best posts.'**  
**Replace this line with your URL linking to 2nd of 3 nominated 'best posts.'**

**From Assignment Spec:**

Active Participation: Provide URL links to your three best Piazza posts. (2 due now and 1 due with Assignment Pt2 later).





From assignment specifications:

In the second part of your assignment you will add content and possibly enhance your design.

## **2.1 Provide an Image Map (2.5 marks)**

Create a page which displays one or more image maps. Make sure that there are at least 3 links, with proper labels in your image map.

## **2.2 Provide a Photo Gallery (2.5 marks)**

Take or select at least 10 relevant photographs. Convert the photographs to \*.png format. Use a template or a suitable tool like Galerie to present them with appropriate titles and any comments you wish to make. Your photo gallery should have the same look and feel as the rest of the web site. The easiest way to achieve this is to ensure it uses the same CSS. Or it may be appropriate for you to link to content stored elsewhere on the internet.

placed here for accessibility; use with Wattle materials

From assignment specifications:

**2.3 & 2.4 Videos **OR** Javascript (5.0 marks across two parts)**

For 2.3 and 2.4, you can choose either to develop a storyboard (2.3a) and a video (2.4a), or write some javascript to add interactivity (2.3b and 2.4b).

Please note that you **WILL NOT** get extra marks if you do both so please indicate which components you would like us to assess.

## Javascript modules:

Note: Most of you in COMP1710 will do the video element

Javascript option was added as a result of requests in previous years from (mainly) COMP6780 students.

However, if you aren't familiar with javascript, then I would suggest you look at it now, and consider waiting until we cover it in lectures later in the semester and include it if you want in Assignment Pt3.

If you are in COMP1710 you do not have to do javascript at all in this course if you don't wish to.

## 2.3a Develop a Storyboard (for your video)

Create a storyboard for your video as a comic (see the relevant lab). The key thing is to present your plan of how you intend your video (see 3.1) to look after editing.

The comic and the video (see next task) should represent the same story. It should be possible to understand the video by reading the comic, and understand the comic by watching the video.

Movie: *Knives Out*  
written by Rian Johnson



## 2.4a Make an edited, inline video

Shoot (or collect) and edit a video and present it on the website. The video (i.e. about your subject, its the same video) **should contain at least one title and one transition**. It will **be inlined within a web page**. Use your creativity and originality to do something interesting, useful or just funny.

For video cameras and especially digital still cameras with movie mode, don't forget to use a tripod or video stabilisation. Keep in mind that video cameras are not the only source of video. For example, many modern digital cameras in movie mode will produce video recording which are fine for web delivery. Then there is video capture from a running program, and so on.

Last year almost everyone had access to a video camera or digital still camera with movie mode from family / friends / church / work / etc. If you end up unable to find someone with one, please e-mail me and I will try and help.

I suggest **5 minutes absolute max for the final video**. You should also provide a few words on your site describing what the video is about and/or trying to achieve.

## 2.3a Develop a Storyboard (for your video)

Create a storyboard for your video as a comic (see the relevant lab). The key thing is to present your plan of how you intend your video (see 3.1) to look after editing.

The comic and the video (see next task) should represent the same story. It should be possible to understand the video by reading the comic, and understand the comic by watching the video.

## What is storyboarding?

Definition from Cambridge Dictionary: *“a series of drawings or images showing the planned order of images.”*



Movie: *Knives Out*  
written by Rian Johnson

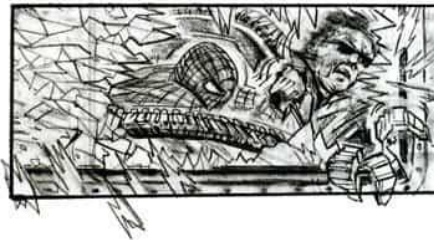
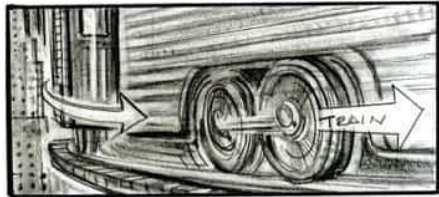
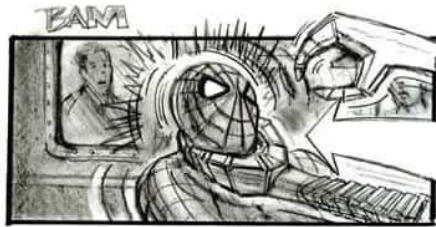
## Why storyboard?

- Vehicle for your own creative ideas. Makes you think about the stories you want to tell, not just rehashing what others have done/are doing.
- While it **may** be optional in a very small project, it is **NOT** optional in anything larger.

## What are they used for?

Films of course, but also advertising, motion graphics, animations and business presentations.





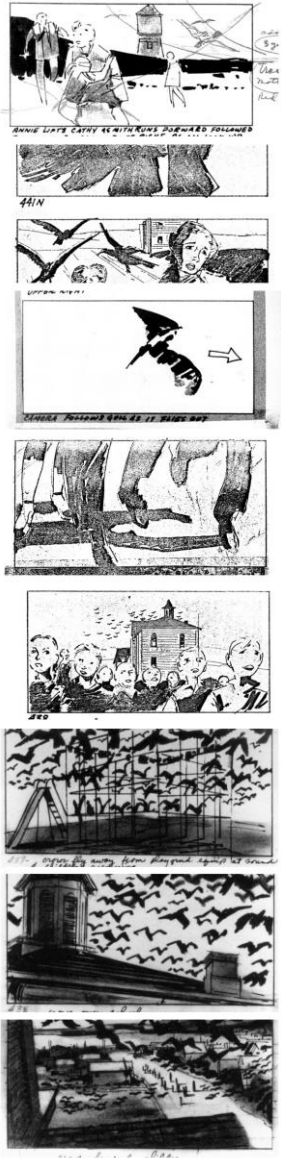
Spiderman 2



The Sound of Music



## Jaws



## The Birds



203 a / SHARK TURNS ON SIDE / ROPE  
IN MOUTH - MOUTH CLOSES ON ROPE  
(R. TO L. SHARK) (R. TO L. PLOTS SHARK)



203 b SHARK MOVES INTO CLOSE  
SHOT OF MOUTH (R. TO L. SHARK)



246A SHARK IN CABIN - BRODY  
SHOVES AIR TANK IN SHARK'S  
MOUTH



## Why would storyboarding be important for video projects?

Improves narrative flow and storytelling

Decreases costs

Helps avoid failure of project

Easy to refine ideas

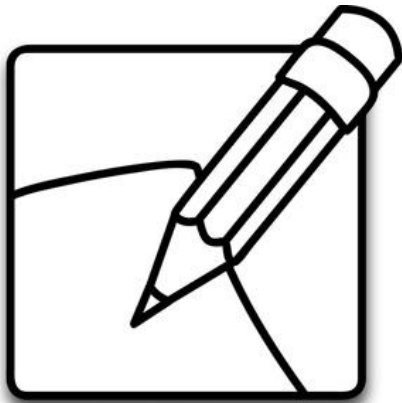
Facilitates organisation

Enables resourcing and supply

Decreases time needed

Identify and solve problems in advance

## What tools can I use to create a storyboard?



Pencil  
and  
Paper

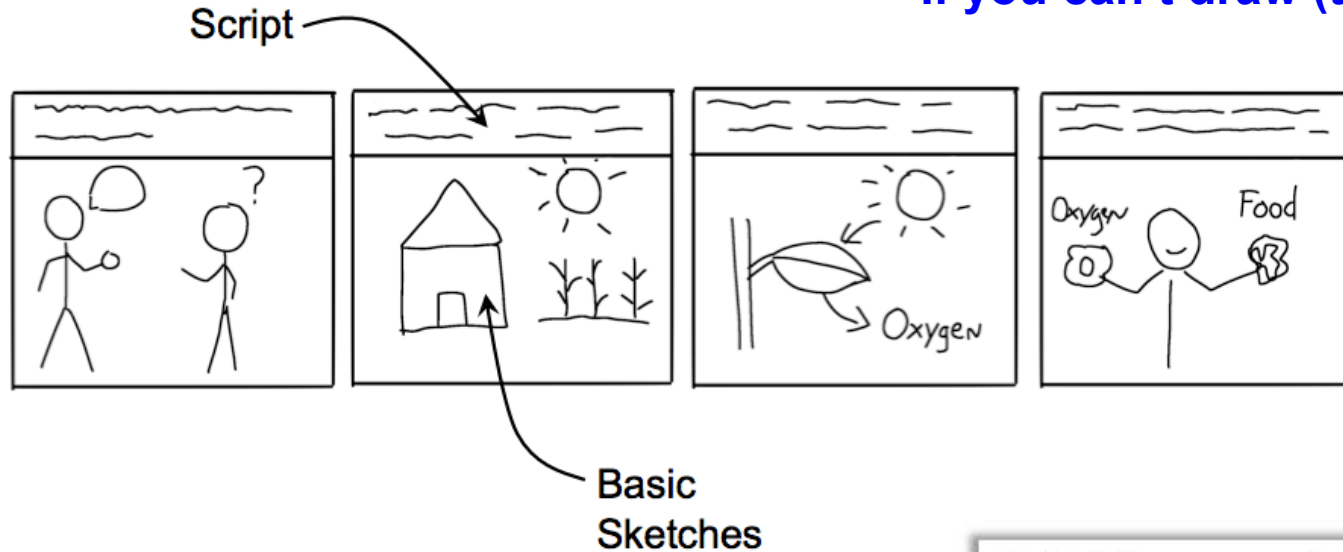
Specialised  
software



Word (maybe using a table)

Powerpoint (maybe using clipart)

If you can't draw (that's most of us!):



Don't worry!

Text-based

Ref	Text/script	Interaction/list items	Dev notes
T1S1	<p><b>Talk bubble 1:</b> In this session we're looking at three topics.</p> <p><b>Talk bubble 2:</b> We'll start with Hygiene. Let's head to the staff room and talk to Suzie about personal grooming. Click the forward arrow.</p>	<p><b>Menu items:</b></p> <ul style="list-style-type: none"> <li>• Hygiene</li> <li>• Cleaning</li> <li>• Pests and waste</li> </ul>	<p><b>Type:</b> Animated s with nav bar</p> <p><b>Images:</b> Commercial kitchen background Iso head chef pointing to right Icon set for menu bullets and nav bar</p> <p><b>Animations:</b></p> <ol style="list-style-type: none"> <li>1. Display head chef on left</li> <li>2. Slide in menu from top, position screen right, also slide in text "On the menu" from right</li> <li>3. Fade in Talk bubble 1</li> <li>4. Display each menu item sequentially and its icon</li> </ol>

People have short attention spans for (slow-moving) entertainment.

Video editing allows you to:

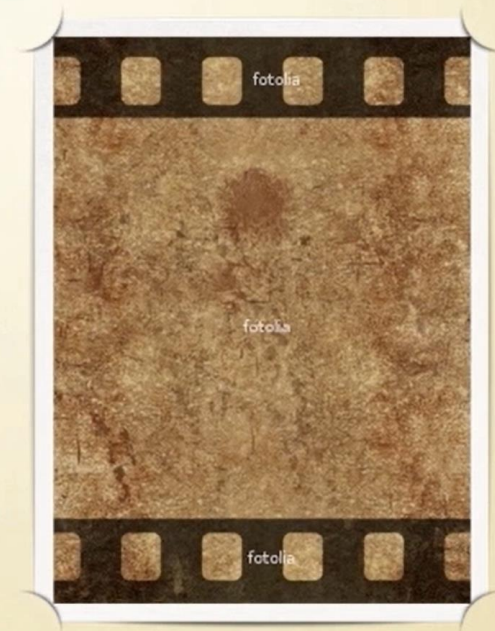
- Tell your story the way you want
- Present information the way you want
- Manage/compress action and important elements of your story
- Shorten time needed to tell the story
- Maintain interest

But be careful about maintaining integrity and continuity in your storytelling.

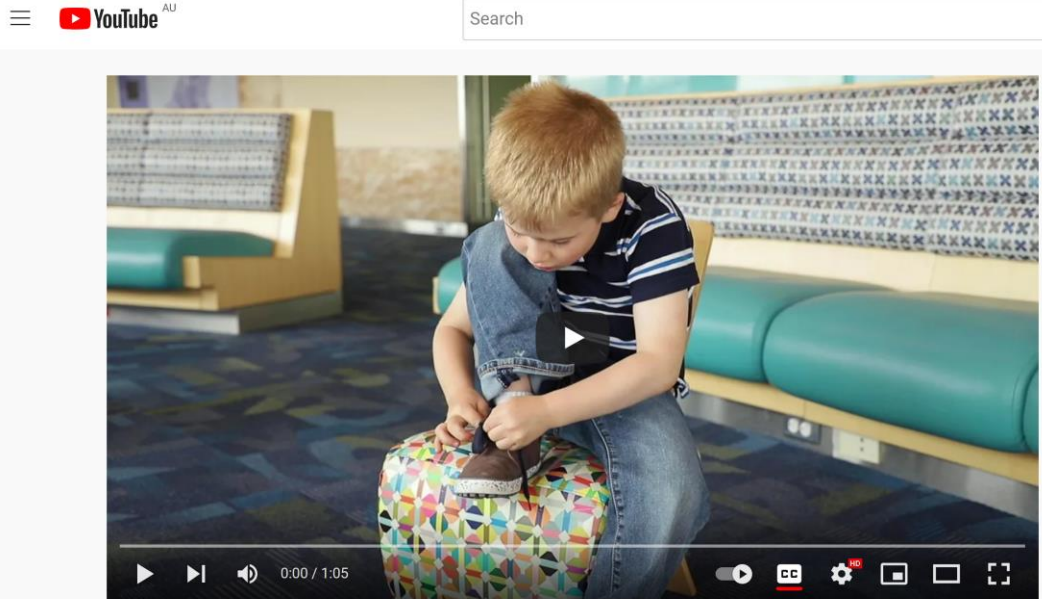
Video editing involves:

## EDITING INVOLVES... (AN EDITOR NEEDS TO

- Logging and capturing
- Cuts
- Dissolves
- Other transitions
- Effects
- Compositing



# Determining Video Length

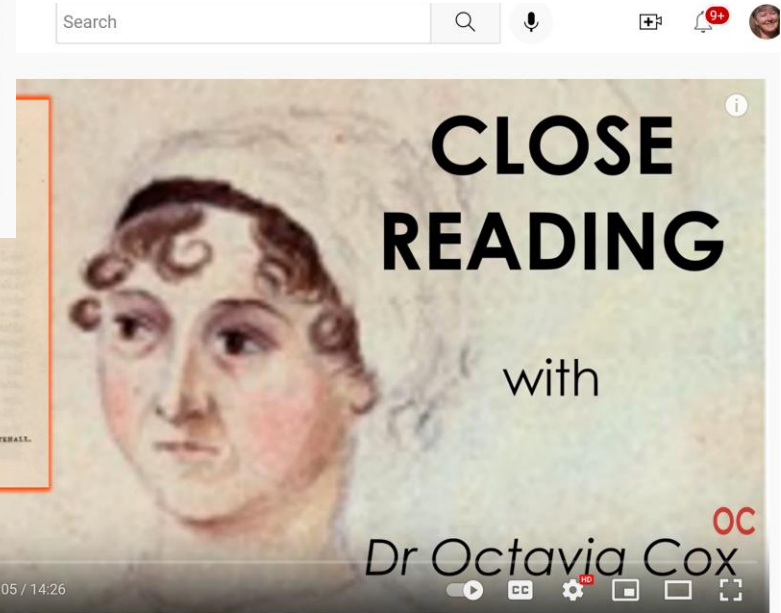


How to Tie Your Shoes

Length: 1:05

Tip: Look online for videos on your topic and check how long they are.

## How long should online videos be?



#DrOctaviaCox #UnfamiliarReadings #CloseReadingClassicLiterature

Jane Austen novel SENSE AND SENSIBILITY analysis | Elinor and Marianne Dashwood (Engagements & Hair)

Length: 14:26

What tools can I use to edit video?



<https://www.openshot.org/download/>

**Lots of others!**



<https://www.apple.com/au/imovie/>



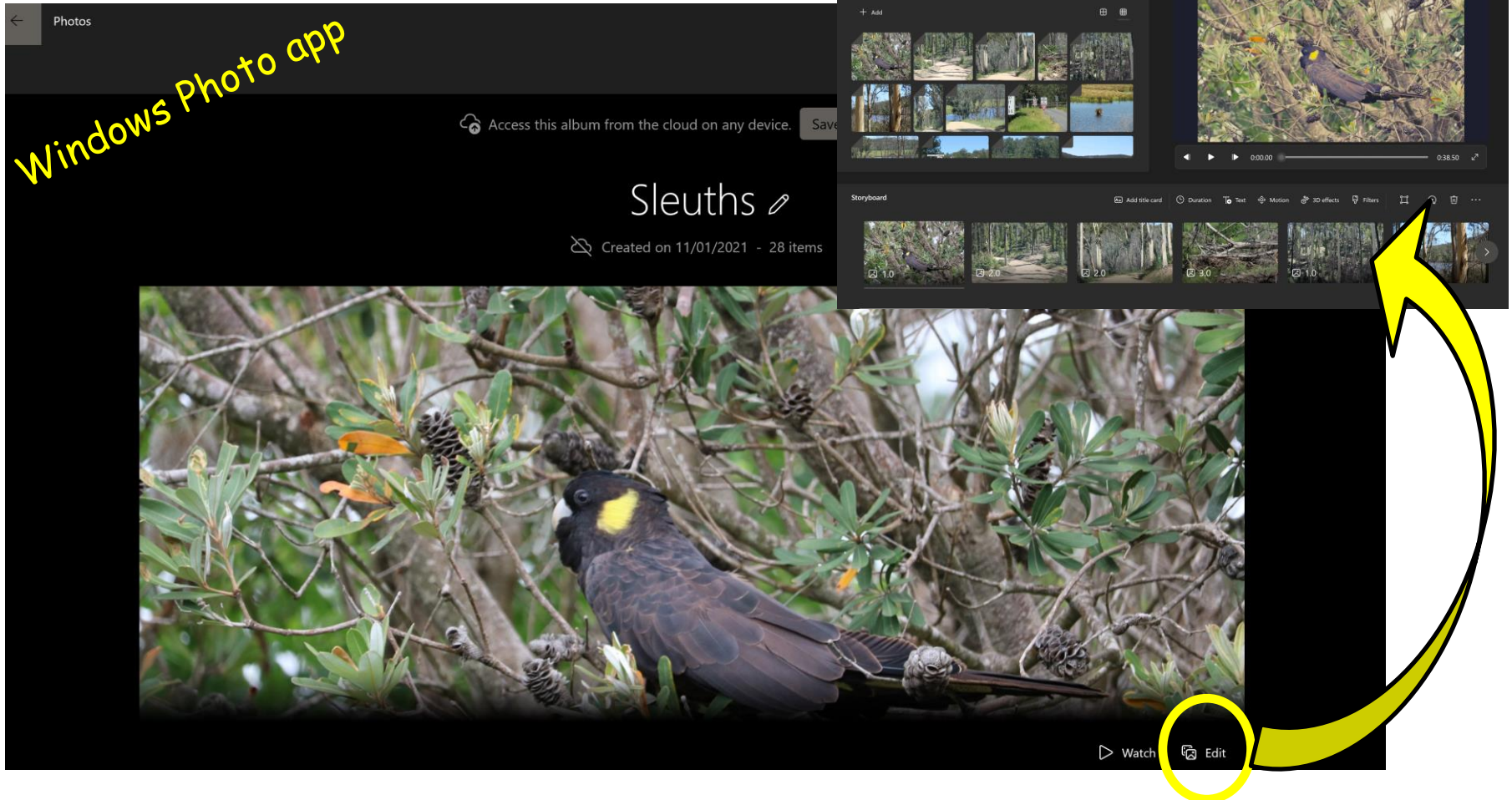
## What tools can I use to edit video?

Windows Photo app

Sleuths

Created on 11/01/2021 - 28 items

Watch Edit





What are video formats for?

Delivering the maximum definition for the lowest size.

You can think of video codecs as being of two types:  
acquisition and delivery

Acquisition – highest definition at acceptable speed/storage to capture  
Delivery – best compression without losing too much detail

Some common formats: **MP4 MOV** WMV FLV **AVI** AVCHD WebM MKV

## **MP4**

Probably most commonly used video file format

Most players play mp4 files easily

Developed by Apple

Delivers high-quality video with relatively smaller size

Lossless

Supported by YouTube, Facebook etc.

## **MOV**

Also developed by Apple

Format for Quicktime video player

High quality

Costly in size / larger than mp4 files

Playable on Apples and Windows via Quicktime and Quicktime for Windows respectively.

## AVI

One of the oldest video file formats still used.

Developed by Microsoft in 1992

AVI files support a wide range codecs (coder/decoders)

Larger in size

Not a good choice for internet, but a great choice for personal video storage due to high quality of video.

# Quick word about accessibility



Hearing



Vision



Cognitive  
processing



Manual  
dexterity



Speech  
commands

As W3C notes,

“Accessible media is **essential for people with disabilities**, and is **useful for everyone**.”