

ACCESSIBILITY:

You're in
the Driver's
Seat



Why Accessibility?

Road *trip!*

Mobility
12.1%
Serious difficulty walking or climbing stairs



Cognition
12.8%
Serious difficulty concentrating, remembering, or making decisions



Independent Living
7.2%
Difficulty doing errands alone



Hearing
6.1%
Deafness or serious difficulty hearing



Vision
4.8%
Blindness or serious difficulty seeing















Self-Care
3.6%
Difficulty dressing or bathing



Why Accessibility? This...

Road *trip!*

	Permanent	Temporary	Situational
Touch	 One arm	 Arm injury	 New parent
See	 Blind	 Cataract	 Distracted driver
Hear	 Deaf	 Ear infection	 Bartender
Speak	 Non-verbal	 Laryngitis	 Heavy accent

NEVER HAVE I NEVER



Web Content Accessibility Guidelines (WCAG)

AAA

Highest

AA

Recommended

A

Minimum



Text

Size, Spacing, Type, Color

Headings

Hyperlinks

Lists

Images

WCAG Success Criterion 1.4.8 Visual Presentation

Level AAA

For the visual presentation of blocks of text, a mechanism is available to achieve the following:

- Foreground and background colors can be selected by the user.
- Text is not justified (aligned to both the left and the right margins).
- Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times larger than the line spacing.
- Text can be resized without assistive technology up to 200 percent.



Lexend Deca

San-Serif Font

AMATIC SC

Cedarville Cursive

Mystery Quest

Serif Font

Lexend Deca

AMATIC SC

Cedarville Cursive

Mystery Quest

Text - Font Type / Font Size

How easy is this text to read? Examine the spacing between the lines.

How easy is this text to read? Examine the spacing between the lines.

Text - Text Spacing

Text - Use of Color / Contrast

You can put dark text on a light background.

You can put light text on a dark background.

Refrain from monochromatic color schemes with background and text combinations or using **red/green**. Contrast should be at least 4.5:1.



Headings & Lists

WCAG Success Criterion 2.4.6 Headings and Labels

- Level AA
- Headings and labels describe a topic or a purpose

WCAG Success Criterion 1.3.1 Info and Relationships

- Level A
- When items appear in a list, use ordered or unordered list tools to convey the relationship

Headings

- Use headings to organize content
- Assists those using screen reader and other accessible tools in page and document navigation
- Use or apply headings in numerical order.
 - Edit the style after you apply headings if you would like a specific font size or color.

Headings - How Does It Look?

- **<H1> Title/What's most important**
- **<H2> Subtitle/What's important**
- **<H3> Subheading/Not as important**
- **<p> Paragraph - the additional explanation information**

Heading 1



Heading 2



Heading 3



Heading 4



Types of Literature (Title/H1)

Heading 1 - most important item

Fictional Literature (H2)

Heading 2 - Next most important item. Subcategory of Heading 1.

Folk Literature (H3)

Heading 3 - Next most important item. Subcategory of Heading 2.

Fairy Tales (H4)

Heading 4 - Next most important item. Subcategory of Heading 3.

Goldilocks and the Three Bears

Goldilocks and the Three Bears. This is a 19th-century English fairy tale of which three versions exist. The original version of the tale tells of an obscene old woman who enters the forest home of three anthropomorphic bachelor bears while they are away. She eats some of their porridge, sits down on one of their chairs and breaks it, and sleeps in one of their beds. When the bears return and discover her, she wakes up, jumps out of the window, and is never seen again. The second version replaces the old woman with a young girl named Goldilocks, and the third and by far best-known version replaces the bachelor trio with a family of three. (Source: [Wikipedia](#) ↗)

Tall Tales (H4)

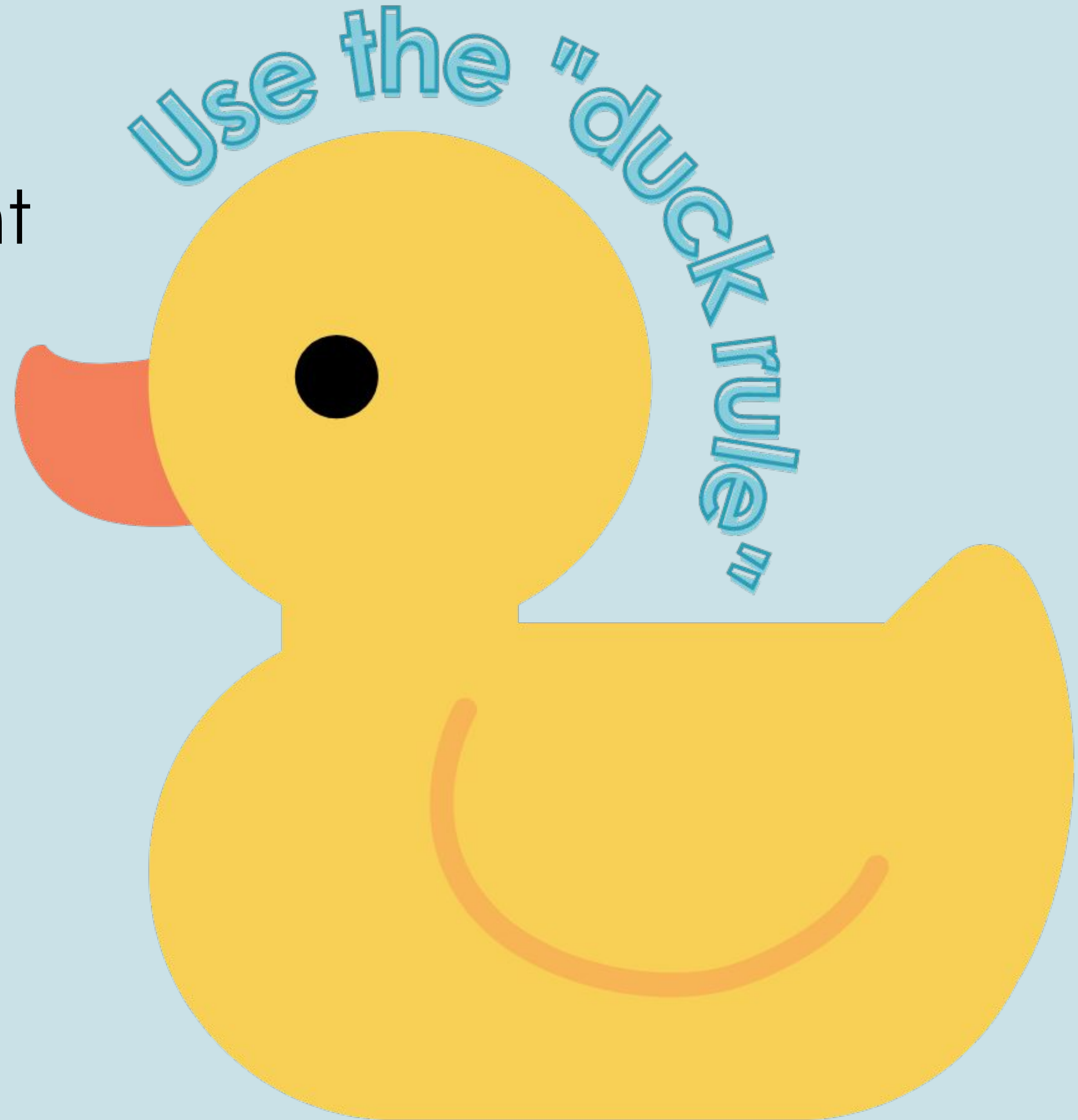
Heading 4 - Next most important item. Subcategory of Heading 3.

Paul Bunyan

Paul Bunyan is a giant lumberjack and folk hero in American and Canadian folklore. His tall tales revolve around his superhuman labors, and he is customarily accompanied by Babe the Blue Ox, his pet and working animal. The character originated in the oral tradition of North American loggers and was later popularized by freelance writer William B. Laughead (1882–1958) in a 1916 promotional pamphlet for the Red River Lumber Company. He has been the subject of various literary compositions, musical pieces, commercial works, and theatrical productions. His likeness is displayed in a number of oversized statues across North America. (Source: [Wikipedia](#) ↗)

Lists

- Use lists to organize content
- Ask:
 - Does it look like a list?
 - Is it organized like a list?
 - Does it sound like a list?



2. A syllabus with text embedded as listed in the
1. View the [Course Development Checklist](#) & [Faculty Guide](#) for information that you'll need.
2. Don't know what to include in your Syllabus? Visit [District Syllabi](#).
3. Syllabus text should be copied and pasted into the syllabus editor that appears when Syllabus is selected from the Course menu. A hyperlinked document may be provided on the page due to accessibility.
4. You may copy and use the [Syllabus Canvas](#)

4. An "Introduce Yourself" discussion board for students as a community building activity.
 1. Be sure to include:
 1. An opportunity for students to introduce themselves.
 2. An opportunity for students to share information (e.g., to a classmate)
 3. The technical help directions for responding to a D
 2. You may use the Canvas Course Template for Discussion Boards in the Instructional Resources Hub.
 - [Template 1](#)
 - [Template 2](#)
 3. Locate this item in the Getting Started/Start Here module published.

Before you register, you can search for classes to build your class schedule for your semester.

Visit the academic calendar to [find important dates for specific sessions](#).

To search for classes and build your schedule,

1. Log in to [MyTCCTrack](#).
 - If you need help logging in, visit our [student login and password help page](#).
2. Go to **Student Planning**.
3. Go to **Prepare to Register (Go to My Progress and View Program Requirements)**.
4. Find a course in your degree plan.
5. Select the course name (Ex: ENGL 1701) to view available

Lists - How Does It Look? Ordered List

Ordered List

1. Learning outcome 1
2. Learning outcome 2
3. Learning outcome 3

• Course Formatting Tip Sheets

- [Text & Headings](#) ➞
- [Links](#) ➞
- [Images](#) ➞
- [Video & Audio](#) ➞
- [Adding Resources \(docs, pdfs\)](#)
- [Quiz Settings](#) ➞
- [Discussion Settings](#) ➞

Computer and Internet:

- Assignments, quizzes and exams will be completed online through Canvas. Therefore, students must have access to a computer and reliable Internet access for this course.
- If you don't have access to a computer to take upcoming classes online, TCC has computer devices for loan. For more information please visit <https://www.tccd.edu/services/campus-resources/device-loan/>

Student Help Desk and Tech Support

- TCC Student 24/7 Help Desk 817-515-8324
- Respondus Help Desk and Student Support
 - [Respondus Student Resources](#) ➞
 - [Live Chat Help for Respondus Monitor](#) ➞
 - [Canvas Classic Quizzes](#) ➞
 - [Canvas New Quizzes](#) ➞

Campus Resources

- [Campus Resources](#) - Find resources available on campus including bookstores, libraries, fitness centers, food services, etc.
- [Bookstores](#)
- [Libraries](#)
- [Student IDs](#)
- [Campus Resources](#)
- [District Admissions & Records Office](#) - Keep up to date on TCC, including how to access your grades, update your transcript.

Lists - How Does It Look? Unordered List

Unordered List

- Bullet point 1
- Bullet point 2
- Bullet point 3

WCAG Success Criterion 2.4.4 Link Purpose (In Context)

- Level A
- The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.



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Student Help Desk and Tech Support

- TCC Student 24/7 Help Desk 817-515-8324
- Respondus Help Desk and Student Support
 - [Respondus Student Resources](#) ↗
 - [Live Chat Help for Respondus Monitor](#) ↗
 - [Canvas Classic Quizzes](#) ↗
 - [Canvas New Quizzes](#) ↗
- [Virtual Desktop Infrastructure \(VDI\)](#)
 - [Log in to VDI](#)

Screen reader users have limited ways to easily navigate and scan a page. One of the most common techniques is to pull out a list of links (and the link text only, no enclosing sentence, paragraph etc) and determine the content of the page and where to go from there.

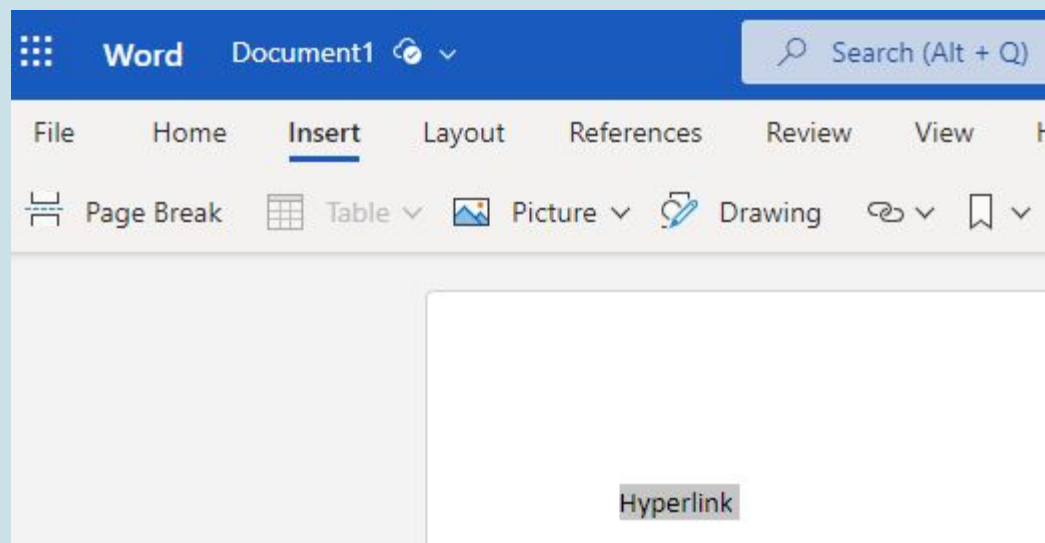
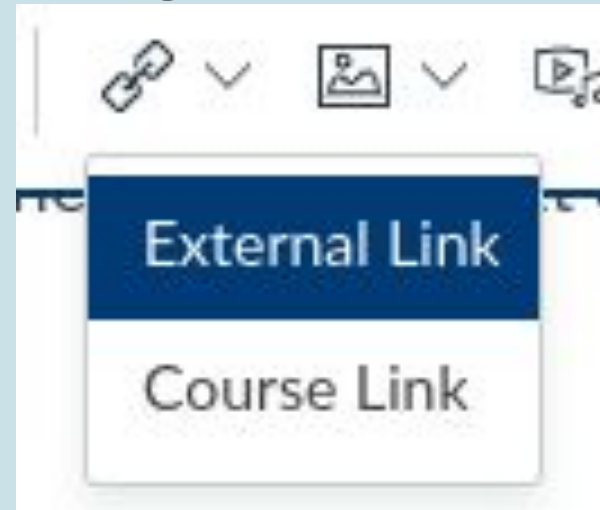
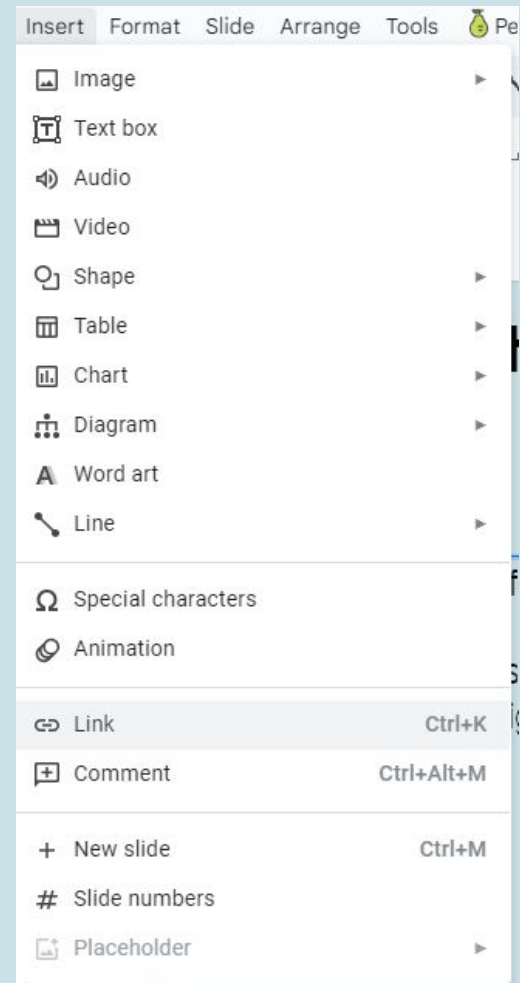
Alternatively, screen reader users scan a page by tabbing from link to link (without reading the text in-between).

Links: Let's Take a Look

When Creating Hyperlinks...

Use:

- The link option offered in the tool to create a link.
- CTRL+K (Windows) or CMD+K (Mac) after highlighting text to add a link.



Avoid Using Phrases Such

As:

- Click for details
- Click here
- Find out more
- Here
- Learn more
- More
- Read more
- The link below...
- The following link...

Applying Headings, Links, and Lists: Compare Two Versions of the Same Document

How to transition from paper to digital

<https://service.tccd.edu/TDClient/30/Portal/KB/ArticleDet?ID=701>

The guide linked above will take you through the following processes.

- Inventory your documents
- Think about retention (what may I delete?)
- Develop a standardized naming convention
- Decide where to store your information
- Assign responsibilities
- Develop a timeline for your project
- Let the Information Management team help

How to transition from paper to digital [TCCD Knowledge Base - Transferring Paper Files to Digital](#)

Provides information on the following topics:

- Inventory your documents
- Think about retention (what may I delete?)
- Develop a standardized naming convention
- Decide where to store your information
- Assign responsibilities
- Develop a timeline for your project
- Let the Information Management team help

Version 1 (left): Original without headings, hyperlinked text, or bulleted list applied

Version 2 (right): Updated includes heading, hyperlinked text, and bulleted list of items



Images (Alternative Text or Alt Text)

WCAG Success Criterion [1.1.1 Non-Text Content](#)

Level A

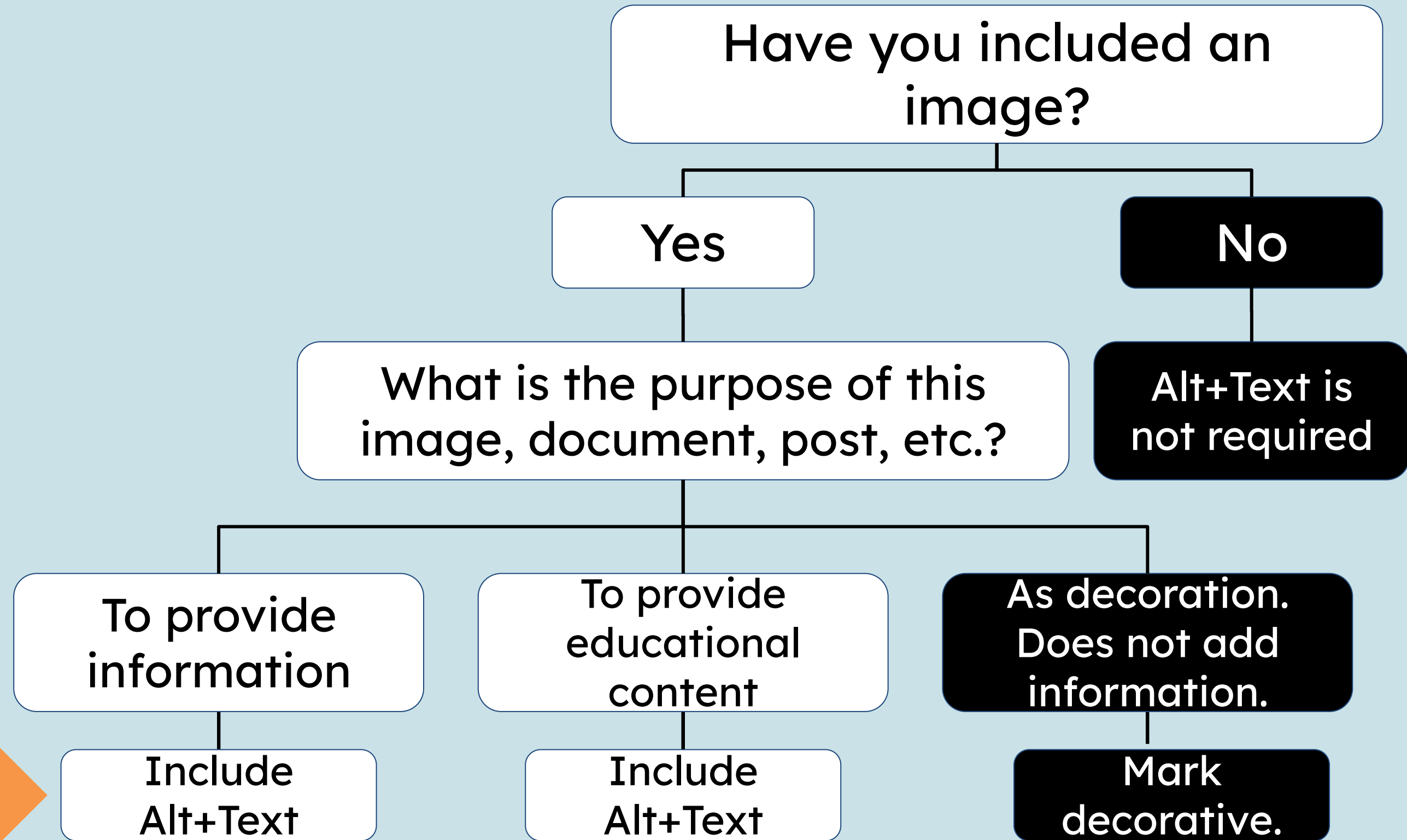
All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below:

- Controls; Input
- Time based media
- Test
- Sensory
- CAPTCHA
- Decoration; Formatting; Invisible

Images (Alt Tag)

- Alt Tag Definition
- Suggested Length
- Long Descriptions
- Decorative Images
- Image Context

Use the Alt+Text Decision Tree to help you decide if Alt+Text is needed.



Alt Text: General

A Hispanic woman with brunette hair wearing a blue blouse, white blazer, a strand of pearls and pearl earrings.

Alt Text: Local News

Dr. Elva LeBlanc, named Chancellor by TCC Board of Trustees

Alt Text: HSI

Dr. Elva LeBlanc, a Hispanic woman, serves as Tarrant County College District Chancellor

Alt+Text: Let's look at an example.



Before you ask...

Let's ~~know~~ ~~if~~ ~~we~~ ~~are~~ ~~the~~ ~~same~~

Are we

THERE

yet?

What do you think of when I say...

Ram



What do you think of when I say...

Mustang



What do you think of when I say...

Explorer





Resources

- [WAVE](#)
- [Color Safe](#)
- [Color Contrast Checker - WebAIM](#)
- [Color Oracle \(Color blindness\)](#)
- [Checking Color Contrast on Images](#)

- [ABCs \(Accessibility Basics for Connect Campus staff\)](#)
- [Accessibility Digital Resources Checklist](#)
- [Google Sheets](#)
- [Accessibility Digital Resources](#) Google Form
- [WCAG Cheat Sheet](#)

- [Jobs Access With Speech \(JAWS\)](#)
- [NonVisual Desktop Access \(NVDA\)](#)
- [Orca](#)
- [Microsoft Narrator](#)
- [Apple VoiceOver](#)
- [ChromeVox](#)



Want to know more?

Questions?

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bit.ly/Drive2Access

