

# Project: The Nature Documentary Showcase

**Goal:** Build a professional landing page that features video, audio, and SEO-friendly structure.

## Phase 0: The Resource Pack

Use these live links to test your site immediately.

Asset Type	URL
Hero Image	<a href="https://images.pexels.com/photos/417074/pexels-photo-417074.jpeg">https://images.pexels.com/photos/417074/pexels-photo-417074.jpeg</a>
Video Thumbnail	<a href="https://images.pexels.com/photos/3225517/pexels-photo-3225517.jpeg">https://images.pexels.com/photos/3225517/pexels-photo-3225517.jpeg</a>
Video File (MP4)	<a href="https://static.videezy.com/system/resources/previews/000/005/248/original/Turbulent_Clouds_4K_Living_Background.mp4">https://static.videezy.com/system/resources/previews/000/005/248/original/Turbulent_Clouds_4K_Living_Background.mp4</a>
Audio File (MP3)	<a href="https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3">https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3</a>

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## Phase 1: The Foundation (Boilerplate & SEO)

Open your text editor, create a file named index.html, and set up the "brain" of your webpage.

1. **The Boilerplate:** Create the standard HTML5 structure including `<!DOCTYPE html>`, `<html lang="en">`, `<head>`, and `<body>`.
  2. **SEO Metadata:** Inside the `<head>`, add:
    - o A `<title>`: Nature Docs | Multimedia Experience.
    - o A `<meta>` tag for a description: Explore the wild through high-definition video and immersive soundscapes.
    - o A `<meta>` tag for keywords: nature, documentary, wildlife, video, audio.
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## Phase 2: Semantic Structure

Inside the <body>, organize your content using meaningful tags. This helps search engines and screen readers understand your page.

1. **Header:** Create a <header>. Inside, add an <h1> titled The Great Outdoors.
  2. **Navigation:** Create a <nav> with three links that point to the different sections you will build:
    - o <a href="#gallery">Gallery</a>
    - o <a href="#sounds">Soundscapes</a>
    - o <a href="#details">Details</a>
  3. **Main Content:** Wrap the rest of your content in a <main> tag.
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## Phase 3: Attributes & Images

Practice using attributes to make your site accessible.

1. **Hero Image:** At the top of your <main> section, add an <img>.
  2. **Requirement:** Use the **Hero Image** URL from the resource pack. You **must** include an alt attribute describing the image and a width="100%" attribute.
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## Phase 4: Multimedia Core (Video & Audio)

This is the heart of the project. You will implement the multimedia elements from your curriculum.

### Step A: The Video Player

Create a <section id="gallery">. Inside, add a <video> element with the following:

- **Attributes:** controls (to play/pause), width="800", and poster (using the Thumbnail URL).
- **Source:** Use a nested <source> tag with the **Video File** URL and type="video/mp4".
- **Fallback:** Add the text "Your browser does not support the video tag" inside the video element.

### Step B: The Audio Player

Create a <section id="sounds">. Inside, add an <h2> called Nature Sounds.

- **Implementation:** Use the <audio> tag with the controls attribute.
  - **Source:** Add a <source> tag using the **Audio File** URL and type="audio/mpeg".
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## Phase 5: Details & Lists

Add context to your page using lists and basic formatting.

1. **Upcoming Documentaries:** In a new `<section id="details">`, create an `<h2>` and an **unordered list** (`<ul>`) featuring three documentary titles (e.g., "Deep Sea Mysteries", "Mountain Peaks").
  2. **Production Info:** Use a **description list** (`<dl>`) to show:
    - o `<dt>Director</dt> <dd>David Attenborough</dd>`
    - o `<dt>Location</dt> <dd>Global</dd>`
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## Phase 6: The Debugging Checklist

Before you finish, check your work for these common "Camperbot" errors:

- [ ] **Self-Closing Tags:** Ensure `<img>`, `<meta>`, and `<source>` do not have closing tags.
- [ ] **Container Tags:** Ensure `<video>`, `<audio>`, and `<nav>` are properly closed.
- [ ] **SEO Check:** Does every image have an alt attribute?
- [ ] **Path Check:** Do your video and audio play when you open the file in a browser?