**General-Purpose Interactive Learning Guide Prompt (English Course Version)**

**I. Configuration & Input Files**

* **Lecture Topic:** Thematic Analysis of 'The Road Not Taken' by Robert Frost
* **Primary Source File (Literary Work):** TheRoadNotTaken\_Text.txt
  + **Purpose:** The full text of the literary work. This file is the primary authority for all quotations, plot, and character details.
* **Supplementary Source File (Slides/Notes):** FrostAnalysis\_Slides.pdf
  + **Purpose:** A secondary source for formal literary terms, historical context, author biography, and key analytical points.
* **Benchmark/Quiz Source File:** AQ\_Frost.html
  + **Purpose:** Provides the core questions for the knowledge check quiz. Its questions define the required style and difficulty level for any additional questions created.

**II. Objective**

Generate a single, self-contained, interactive HTML file that serves as a complete and dynamic learning guide. The guide must comprehensively teach all core concepts related to the **[Lecture Topic]** in a simple, accessible manner, using only the provided source files. The final output must be a polished, user-friendly, and educational web page that is fully responsive on both desktop and mobile devices.

**III. Core Requirements**

* **Application Design & Structure**
  + **Layout:** Create a responsive, two-column layout.
    - **Desktop View:** A truly sticky sidebar for navigation on the left that is fixed in place and does not scroll with the main content area on the right.
    - **Mobile View:** The sidebar should be hidden by default. A "hamburger" menu button must be present to toggle the sidebar's visibility as a full-screen overlay.
  + **Sidebar Navigation:**
    - The sidebar must contain links that correspond exactly to the main content sections (e.g., "Introduction," "Stanza-by-Stanza Analysis," "Key Themes," "Literary Devices," "Conclusion").
    - Clicking a link must smoothly scroll to the relevant section.
    - The active section's link must be visually highlighted as the user scrolls. The logic for this (e.g., using an IntersectionObserver) must be configured to accurately reflect the currently visible section.
    - On mobile, the sidebar must automatically close after a navigation link is clicked.
  + **Content Sections:** The main area must be divided into logical sections covering every major topic from the source files.
* **Content & Sourcing**
  + **Source-Driven Content:** All definitions, explanations, examples, and **quotations** must be derived exclusively from the provided source files. Do not introduce new interpretations, terminology, or external theories not present in the sources.
  + **Language & Tone:**
    - **Simplicity:** Explain all literary concepts (e.g., symbolism, meter, metaphor) in simple, plain, and conversational English, as if explaining to a high school student.
    - **Detail over Brevity:** Provide detailed, line-by-line or stanza-by-stanza explanations where appropriate. Use analogies and real-world examples to make abstract literary concepts concrete.
* **Interactivity & Dynamic Elements**
  + **Interactive Explorations:** Incorporate multiple interactive elements wherever they can help illustrate a key concept. Examples include:
    - Clickable annotations on the poem's text to explain specific words or phrases.
    - An interactive element to highlight examples of a specific literary device (e.g., click "Metaphor" and all metaphors in the poem are highlighted).
    - A drag-and-drop activity for matching literary terms to their definitions or examples from the poem.
  + **Knowledge Check Quiz (CRITICAL):**
    - Include a quiz section at the end of the guide.
    - The quiz must incorporate all questions **exactly as worded** from the **[Benchmark/Quiz Source File]**.
    - **CREATE AT LEAST TWICE AS MANY ADDITIONAL QUESTIONS** as are present in the benchmark file. These new questions must match the style and difficulty level of the benchmark.
    - Provide immediate visual feedback (correct/incorrect) and a brief explanation for the correct answer(s).

**IV. Technical & Styling Specifications**

* **Single File Output:** The final deliverable must be a single, complete HTML file with embedded CSS and JavaScript.
* **NO MARKDOWN IN HTML:** All text formatting must be done using standard HTML tags (e.g., <strong> for bold, <em> for italics). Do not use Markdown syntax like \*\*text\*\* or \*text\*.
* **Styling:** Use Tailwind CSS loaded from its CDN.
* **Responsiveness & Accessibility:** The layout must work seamlessly on all screen sizes.

**V. Literary Text Formatting (CRITICAL)**

* **Formatting for Quotations:** You must use proper HTML tags to preserve the formatting of literary excerpts.
  + **Block Quotes:** For multi-line prose quotations, use the <blockquote> element to indent and visually separate the text.
  + **Poetry:** For poetry, it is essential to preserve line breaks and indentation. Use a <pre><code>...</code></pre> block to ensure the poem's structure is displayed exactly as it appears in the source text.
* **No Images for Text:** Do not use images to represent any text from the literary work or analysis. All text must be actual, selectable HTML text for accessibility and searchability.

**VI. Critical Implementation Notes & Pitfalls to Avoid**

* **Sidebar Scroll Highlighting**
  + Ensure the IntersectionObserver for highlighting the active navigation link is properly configured to avoid highlighting the wrong section. A rootMargin that biases the trigger point towards the top of the viewport is often effective.
  + **Example Configuration:**

JavaScript

const observer = new IntersectionObserver(entries => {

// ... logic ...

}, { rootMargin: '-20% 0px -75% 0px' }); // Activates when a section is in the top quarter of the screen