

PRACTICE MATERIAL FOR SPELLATHON

(GRADE 8)

1. Create a Personal Portfolio Website

- **Objective:** Design a portfolio to showcase personal projects, skills, and experiences.
- **Tasks:**
 - **Homepage:** Introduce yourself with a brief bio, photo, and links to social media.
 - **Projects Page:** Create a grid layout using Bootstrap to display projects with images and descriptions.
 - **Skills Section:** Use progress bars or icons to visually represent skills.
 - **Contact Form:** Implement a JavaScript form for visitors to send messages.
 - **Styling:** Use CSS to create a cohesive and professional look.

2. Develop a Community Service Website

- **Objective:** Build a site that highlights community service projects and initiatives.
- **Tasks:**
 - **Homepage:** Provide an overview of the mission and upcoming events.
 - **Projects Section:** Use a parallax effect to present different community projects with images and stories.
 - **Volunteer Sign-Up:** Create a form using HTML and JavaScript for potential volunteers to sign up.
 - **Gallery:** Include a photo gallery using Bootstrap to showcase past events.
 - **Resources Page:** Offer links to useful articles or external websites.

3. Design an Interactive History Timeline

- **Objective:** Create a website that presents a timeline of significant historical events.
- **Tasks:**
 - **Timeline Page:** Use HTML to structure the timeline with sections for different eras.
 - **Parallax Backgrounds:** Implement parallax scrolling to enhance the storytelling aspect.
 - **Interactive Events:** Use JavaScript to allow users to click on events to reveal more information or images.
 - **Styling:** Utilize CSS for a visually engaging layout with appropriate colors and fonts.
 - **References Page:** Include citations and links for further reading.

4. Build a Science Exploration Website

- **Objective:** Create an educational site that explores a specific science topic (e.g., renewable energy, ecosystems).
- **Tasks:**
 - **Homepage:** Introduce the topic and its importance.
 - **Subtopics Section:** Create separate pages or sections for each subtopic with detailed information, images, and videos.
 - **Parallax Effects:** Use parallax scrolling to create a dynamic experience as users navigate through subtopics.
 - **Interactive Quiz:** Add a quiz using JavaScript to test knowledge on the subject.
 - **Resources Page:** Provide links to articles, documentaries, and external resources for further exploration.

5. Create a Digital Art Gallery

- **Objective:** Develop a website to showcase digital artwork or photography.
- **Tasks:**
 - **Homepage:** Feature a captivating introduction to the art theme or style.
 - **Gallery Section:** Use a grid layout with Bootstrap to display artwork with titles and descriptions.
 - **Parallax Backgrounds:** Implement parallax effects to enhance the visual appeal.
 - **Artist Bio Page:** Include a section about the artist (or a fictional artist), detailing their background and inspiration.
 - **Contact Form:** Add a form for inquiries or commissions using HTML and JavaScript.