Learning Scenario Template

Title	Meet the Scientists: A Journey Through Time
Subject	English (with elements of history and communication skills)
Grade Level	10-year-olds (Elementary/Primary School)
Duration	90 minutes (2 sessions of 45 minutes)
Objective(s)	• Introduce students to famous scientists and their contributions to science. • Develop basic research skills by exploring key facts about the scientists. • Practice forming simple interview questions. • Enhance presentation skills through role-play and group collaboration. • Boost confidence in speaking in front of peers.
Pedagogical Methods	• **Guided research**: Teacher-supported exploration of famous scientists. • **Collaborative learning**: Working in pairs or small groups. • **Role-play**: Students will act as both interviewers and scientists. • **Presentation-based learning**: Encouraging confidence in public speaking through creative presentations.
Structure	**Introduction (Class 1)**: • Brief discussion about influential scientists and their contributions (e.g., Marie Curie, Albert Einstein, Isaac Newton, Rosalind Franklin). • Divide students into pairs or small groups, assigning or letting them choose a famous scientist to research.

	Research and Question Creation (Classes 2-3): • Students will research their scientist's life, contributions, and significant discoveries. • They will collaborate to create interview questions (using proper question structures, e.g., "How did you come up with your theory?"). • Teachers will guide the students on the importance of open-ended questions to allow detailed answers. **Preparation for Interviews (Class 4)**: • Each pair or group will take turns role-playing as the scientist, with one student acting as the interviewer and another as the scientist. • They will plan their presentations, including attire, tone, and demeanor that reflect the scientist's personality and era. **Class Presentations (Class 5)**: • Students present their interviews in front of the class. • After each presentation, classmates can ask additional questions, and students should be prepared to answer in character.
Materials/Resources	Internet access for research. Books or articles on the selected scientists. Costumes or props for the presentations (optional but encouraged). Worksheets for drafting interview questions.
Pre-requisites	**Reading for gist**: Students should be able to understand the general idea of a short, simple text. **Forming questions**: Students need basic knowledge of question structures (e.g., "What did you...?", "Why did you...?", "How did you...?"). **Basic speaking and listening skills**: Familiarity with speaking in front of a group and listening attentively to classmates.
Activities & Procedures	**Introduction to Scientists** • Teacher introduces 4-5 famous scientists with a brief, engaging explanation of their work and impact. Teacher provides each group with a short text to read and discuss for gist.

	Group Work • Students work together to create simple interview questions. The teacher circulates to provide help as needed. Groups work together to create **3 interview questions** based on the reading. **Role-play Preparation** • Each group practices their roles as interviewer and scientist, rehearsing their short interview. **Presentations** • Groups present their interviews to the class, staying in character for fun and engagement.
Assessment/Evaluation	**Participation**: Engagement during reading, question formation, and role-play preparation. **Clarity and Confidence**: Ability to ask and answer questions clearly during the presentation. **Collaboration**: Working together to prepare and present the interview.
Extensions/Modifications	1. For students needing extra support, provide pre-made questions or allow them to use their notes during the presentation. 2. For more advanced students, allow them to ask additional or follow-up questions during the interview.
Additional Notes	1. Encourage students to be creative and have fun with their roles. Even a small prop can help make the presentations more engaging. 2. This activity can also connect to language arts by emphasizing question formation and speaking skills.
Attachments/Links	Simplified reading materials about famous scientists, prepared in advance by the teacher.