GAI-Enhanced Assignment Framework:
A Case Study on Generative AI Powered History Education

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Reading Assignment → Pick a Scientist → Create 5 questions to ask a scientist → **Role-play using ChatGPT:** Ask your questions to the scientist → Use **Reference-Check Protocol** to validate ChatGPT responses → Write Final Report
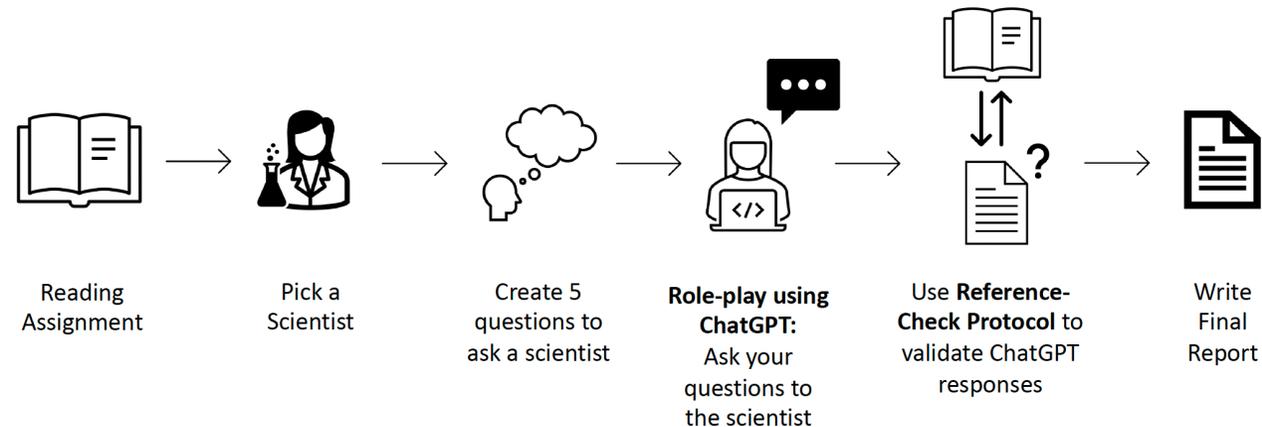
Figure: GAIEnAF: Framework for GAI-Enhanced Assignments in History of Science Course. This diagram illustrates the workflow of weekly assignments, highlighting the integration of the Reference-Check Protocol (RCP) with role-play interactions based on John Gribbin's History of Science textbook.

The Reference-Check Protocol (RCP) plays a pivotal role in enhancing the educational use of Generative AI:

➤ **Integrity and Accuracy**
➤ **Critical Thinking**
➤ **Collaborative Learning**
➤ **Adaptability**