

## **RESEARCH ON THE "MURDER MYSTERY" ELEMENT IN HIGH SCHOOL CHEMISTRY TEST QUESTIONS AND TEACHING METHODS BASED ON EVIDENCE REASONING LITERACY**

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### **ABSTRACT**

Evidence reasoning is not only a thinking mode that high school students need to possess, but also a specific requirement of the country for high school students to have the ability. Script Kill "is a popular offline immersive game that combines emotional experience and reasoning to explore answers, favored by young students in recent years. Based on the research on the main process of script kill games in the 2024 Jilin Provincial College Entrance Examination questions, this article designs the teaching of "Chlorine and Its Compounds" in the second section of Chapter 2 of the People's Education Press High School Chemistry Compulsory Course 1. It discusses the necessity and feasibility of applying "Script Kill" teaching in high school chemistry classrooms and integrating "red elements" into teaching, hoping to improve students' evidence-based reasoning ability in the form of "teaching with entertainment".

**Keywords:** Evidence reasoning, murder mystery, high school chemistry.

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