

Assignment (Date: 04/08/2025)

Assignment Title: CS 2: Exit Ticket

I created one exit ticket and shared it among my students for their feedback. Here is the link to the google form:

**Link to google form:**

[https://docs.google.com/forms/d/1fKzawiuQxvDvtg-LhcwLIAeURE81bHtBZROv-2xVDmk/edit#response=ACYDBNhGhP7R9TdJgzt\\_i\\_ph0VEblb3TILYCWMJ370YYbuwfFWuswccaZTP0SV9OZuQ](https://docs.google.com/forms/d/1fKzawiuQxvDvtg-LhcwLIAeURE81bHtBZROv-2xVDmk/edit#response=ACYDBNhGhP7R9TdJgzt_i_ph0VEblb3TILYCWMJ370YYbuwfFWuswccaZTP0SV9OZuQ)

## Summary

### **|| Key Student Feedback ||**

#### **Overall Understanding**

- Most students reported complete understanding of the day's topic, including both concepts and derivations.
- A few students mentioned partial understanding, particularly around derivations.

#### **Top Concepts Students Learned**

- Bohr's Model of the Hydrogen Atom – Several students cited this as the main takeaway.
- Shape of Atomic Orbitals – Also mentioned explicitly.
- Radius and Size of Atom – Indicated by some as a notable point.

- **Limitations of Bohr's Model & Heisenberg Uncertainty Principle – Appreciated by a few students.**

## **? Common Questions / Confusions**

- **“Why is energy negative in Bohr’s model?”**
- **“Radius of Bohr’s model in SI units”**
- **“The radial wave function”**

These suggest areas where a follow-up explanation or clarification could be helpful.

## **💡 Student Engagement**

- **The average engagement rating is around 4.8 out of 5, indicating high involvement**

## **|| AI-generated insights ||**

### **1. Conceptual Clarity is Strong, but Technical Depth Needs Reinforcement**

While most students feel confident about the overall topic, their lingering questions suggest gaps in **numerical or theoretical interpretation** (e.g., SI units, negative energy, radial wave functions). This points to a need for **reinforcement of the physical meaning behind formulas**.

### **2. Bohr's Model Resonated Most**

Multiple students independently highlighted Bohr’s model as the key takeaway. This suggests it was either well-taught or aligned with their existing knowledge – a good anchor topic for building more complex quantum mechanical ideas.

### **3. Silent Signals: Few Suggestions Given**

Most students didn’t offer suggestions in the “question/suggestions” field. This often implies either satisfaction or lack of psychological safety to share feedback. You could consider prompting with more specific reflective questions next time (e.g., “What could have made today’s class easier to follow?”).

## **|| One change you'll make in your next class ||**

### **One Change to Incorporate in Your Next Class**

**Include a 5-minute “Quick Recap & Clarification” segment at the end, focused solely on student questions.**

#### **Why?**

The questions asked indicate students are reflecting but may need a safe space or structured time to raise doubts. A "Today's Doubt Clinic" or "Last-Minute Clarifier" could increase understanding and comfort without needing them to self-report anonymously post-class.