January 7th, Entrance/Exit Card

Here are my statements about teaching and learning in science education:

Learning is... an active process of discovery where students construct their understanding by connecting new scientific concepts with their existing knowledge and real-world experiences.

Learning happens when... students are engaged in hands-on experimentation, collaborative problem-solving, and meaningful discussions about scientific phenomena. It occurs most effectively when students can see the relevance of concepts to their daily lives and when they feel safe to make mistakes and ask questions.

Learning happens when... students are challenged to think critically and develop their scientific reasoning skills through inquiry-based activities and laboratory investigations.

As a teacher I am... a facilitator who guides students in their scientific exploration, helps them develop critical thinking skills, and fosters their natural curiosity about the world around them. I create an inclusive learning environment that celebrates diverse perspectives and learning styles.

As a teacher I am... committed to making complex chemistry and biology concepts accessible and engaging through real-world applications, visual models, and interactive demonstrations while maintaining high academic standards and scientific rigor.