

# MAKING COMPLEX CONCEPTS ACCESSIBLE THROUGH OUTREACH



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## OVERVIEW



This Praxis experience focused on community outreach and science education. I worked with TFI Ambassadors to develop materials for interactive learning activities. My work centered on making human biology accessible to younger audiences.



## WHAT I LEARNED

Hands-on learning helps make abstract concepts more understandable. Visual tools like layered models are effective for teaching how systems interact. Communicating science requires adapting information for different audiences. This experience strengthened my ability to explain scientific ideas clearly. It showed me the importance of outreach and education in making science more inclusive. It influenced my interest in combining science with public engagement or education.



## HUMAN BODY LAYERS ACTIVITY



I helped develop an outreach activity designed for children ages 5–12. The activity uses a layered human body puzzle representing the skeletal, muscular, and nervous systems. Each layer can be added or removed so users can visualize how the body is structured.



## KEY INSIGHTS



I created written explanations to accompany each body system. I designed materials to be clear and engaging for younger audiences. Helped organize printable resources for repeated use (multiple copies of puzzle layers and write-ups). One challenge was translating complex biological concepts into language that children could understand. I had to think carefully about how to simplify information without losing accuracy. This made me realize how important accessibility is in science communication.

