Nature vs Nurture: Initial Engagement Experience

Unit Big Ideas

- Traits are determined by GENETIC and ENVIRONMENTAL factors.
- There are PATTERNS in the way genetic information is STORED, EXPRESSED and PASSED ON.

Key Aspects of Initial Engagement Activity

How do you plan to accomplish each of the following through your Initial Engagement Activity?

Develop an awareness of student understanding related to unit concepts	Introduce an interesting or curiosity-provoking phenomenon related to unit concepts	Collect student questions related to the Initial Engagement Activity and unit concepts
As groups students place traits onto a sliding scale from genetic to environment	Show students video (stop at 3:42) about politics and genetic connection	Exit ticket and question response

Anticipated Progression of Initial Engagement Activity

What is the anticipated sequence of student and teacher activity that will take place during the Initial Engagement Activity? (Include specific management techniques, ways to differentiate, projected timeframes, and anticipated student responses)

- Show video and ask students what they think about the video: do they agree or disagree
- Show students the following list: hair, eyes, personality, height, athletic ability, religion, cystic fibrosis, political views
- Ask students to place these characteristics on a scale of genetic to environmental. The closer to one pole is closer to 100%.
- As a class, discuss where everything should be on the scale.
- Ask students what they are currently wondering at this moment.

Specific Materials & Resource Needs for IEA

What materials will you need to prepare and have ready students?

Video
Whiteboard and whiteboard markers