Gee (2006) – *Human-Centered Design Guidelines*

Guiding Principles (p.2)

1. **Emotion matters** → positive environments improve learning & engagement.
2. **Social interaction** → design should foster collaboration and community.
3. **Pattern & meaning** → humans seek patterns; design should support clarity.

Healthful Design

- **Lighting**: better lighting linked to better test scores (Mahone Group).
- **Ergonomics**: tools should match human body → e.g., Microsoft ergonomic keyboard. Chairs must be light, adjustable, easy to move.
- **Stimulation**: design for creativity.
  - *Connection to Nature*: natural elements improve mindset and productivity.

Conclusion

- Metric of success in HCD = *positive human experience*, not a simple ratio or number.
- Every decision in design affects all users in the space.

✅ *Connection to TikTok*:

- TikTok offers "stimulation" (creativity, fun), but ergonomics & health impacts are ignored (sedentary use, addictive design).
- Gee's principle "every decision affects all people in the space" → TikTok's decisions scale to billions.