

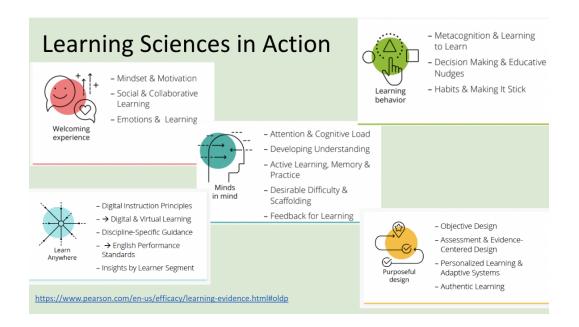
Creating a Learning Engineering Action Plan

1. What is the challenge or the problem you're trying to solve?

2. Describe the **learning environment**. (Who are your learners? What are the unique characteristics of their learning environment?)

3. Which **human-centered design strategies** will you employ to solve this problem?

4. Select two **learning science concepts** from the graphic below to use in your design. Where will they appear in your design?



5. Instrumentation: What **data** is needed to demonstrate how the challenge is improving/progressing/succeeding? Determine where the **data** will come from to answer the question. What data collection instruments will you need to build as part of the design process?

6.	Which items will you consider in your implementation plan ? (Check all that apply)
	Policies /Strategy Budget Material Resources Leadership and Organizational Capacity Team Technology Operationalization Instrumentation Investigation During Implementation Ethics Scale-up & Sustainability Notes on implementation:
7.	Who will be on your team? (Check all that apply) SME instructional designer data analyst (IR person) user experience designer graphic designer learning scientist learning assessment specialist software engineer/coders webmaster education/training specialists (could include Center for Teaching and Learning or education faculty)