Engineering Design Process
CHOICE BOARD

Level 4: Select your own options for Columns A - C + recommend D (Option 5).
Level 3: Select your own options for Columns A - D.
Level 2: Select your own options for Column B -D with 3 Teacher Feedback Checks.
Level 1: Select your own options for Column B - C + recommend D (PBS The Design Process Interactive).

	A - Real World Applications	B - Concept Reading	C - Video Watch	D - Practice It!	E - Write It Down
Engineering Design Process Select at least ONE resource to experience in each column A-D and complete E (Write It Down).	Soldiers: What is an Army Engineer?	CK-12 The Design Process	AEOP Junior Solar Sprint Presents - EDP	PBS The Design Process Interactive	Complete Assessment Ticket To turn in for Elaborate
	NAVSEA - Career Snapshot	CK-12 The Design Process in Action	Khan Academy Football EDP	Select 1 OPTION below based on your readiness	

For additional practice to understand the EDP, select ONE of the virtual simulations or design challenges to complete. If team members already have their research question cleared with their instructor they may select Option 5.

Option 1 Virtual Simulation	Option 2 Design Challenge	Option 3 Design Challenge	Option 4 Design Challenge	Option 5 Begin EDP
PBS Building Big Do forces, loads, materials, and shape affect the design of a bridge?	Engineers, Makers, and Creators Helping the World How would you design a mask to protect health professionals from COVID-19?	NASA Egg Drop Lander What engineering design features are optimal for protecting a falling lander and its passengers (egg)?	Scientific American Build an Artificial Hand How does a robotic human hand articulate for optimal movement?	Team Members are ready to begin EVALUATION - assignment. Team has their research question and are ready to begin the EDP and POM.