

# EARLY ENGINEERING EVALUATION RUBRIC

Skills	Behaviors to cultivate	Demonstration		
		Not yet evident	Developing	Comfortable
<b>Empathy and interpersonal Skills</b>	Demonstrates empathy for others by showing a desire to understand their perspectives and by offering to help where needed			
	Collaborates with others to generate multiple solutions to a problem and then select one solution to try			
	Invites others to join in and share their ideas			
<b>Creative problem-solving skills and mindsets</b>	Shows confidence in their ideas and has a positive attitude toward problem-solving			
	Displays a willingness to approach new problems and activities and asks questions to help them understand the problem at hand			
	Perseveres through challenging tasks, mistakes, failures, and unexpected set-backs			
	Adapts solutions to new constraints by changing their approach			
<b>Executive function skills</b>	Plans out steps to problem solving			
	Makes connections between previous experiences and the task at hand			
<b>Learn about the physical world</b> that materials and tools matter, and that some are better solutions than others	Manipulates and observes objects and materials and discusses their physical properties			
	Applies growing knowledge of the physical world to their design and building			
	Investigates solutions, comparing them with attention to cause and effect			