

Table 1. A conceptual summary of the three iterations of our PBK instruction.

	Motivational Goal	Story Content	Instructional Approach
Iteration 1	<ul style="list-style-type: none"> • Present information that scientists struggled. 	<ul style="list-style-type: none"> • Present a general message about struggle. • Present biographical information. 	Story-based Instruction
Iteration 2	<ul style="list-style-type: none"> • Explain scientists' goals. • Provide inspiring actions scientists took during the process of struggling. 	<ul style="list-style-type: none"> • Emphasize the process of struggle. • Show the strategies used by scientists. 	Interactive Stories
Iteration 3	<ul style="list-style-type: none"> • Highlight scientists' failures. • Have students experience the benefits of struggling. 	<ul style="list-style-type: none"> • Highlight the specific types of failures scientists faced. • Show the specific strategies scientists used to overcome those failures. • Enable students to experience the benefit of persisting through a task. 	Interactive Stories— Along with practicing persistence using supplementary activities