



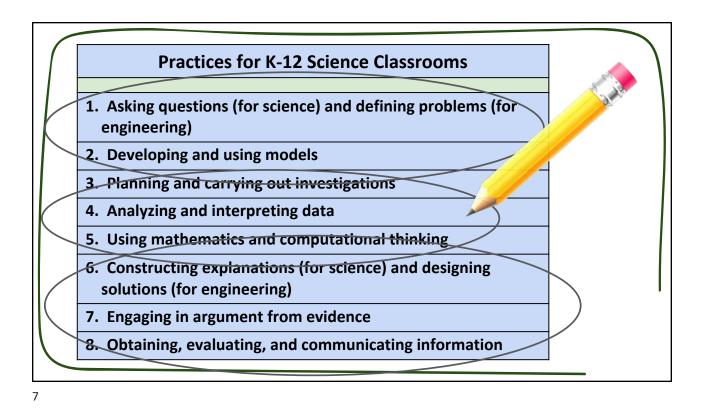




Susan Arnette, MEd, and Mindy Stroup, EdD





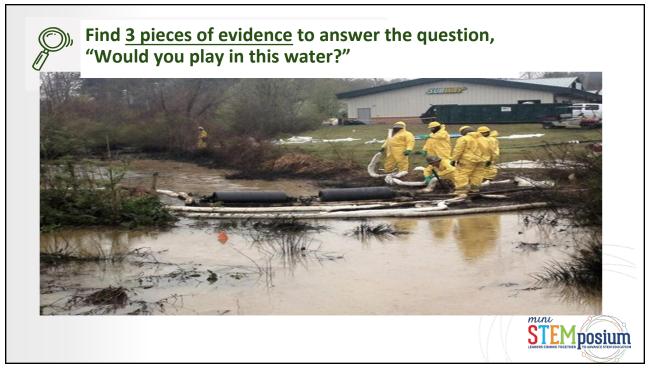


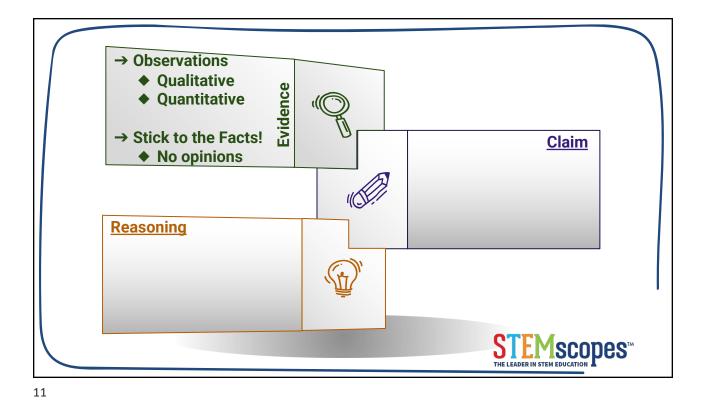


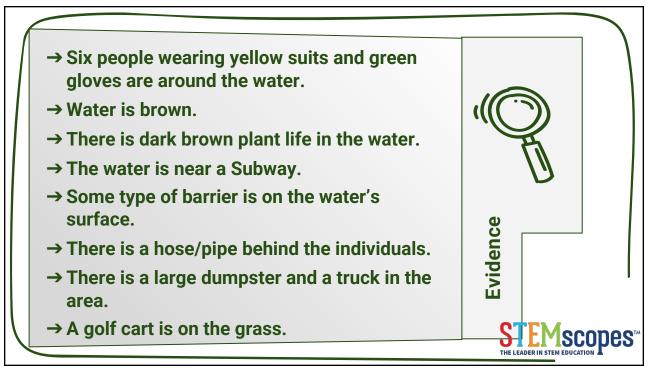
STEMposium: Using Claim-Evidence-Reasoning: Scientific Explanations to Increase Student Voice

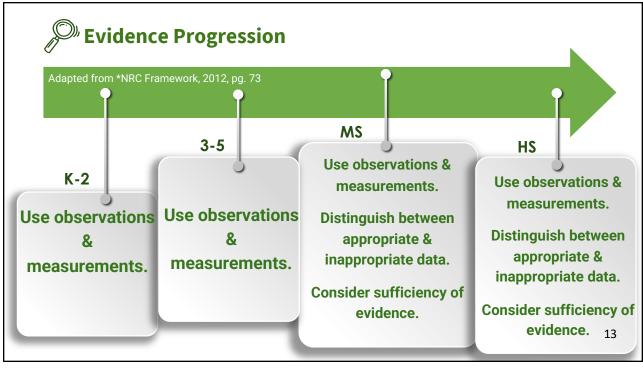
	Specifications	Feedback	Score
	Answers the Question: Would you play in this water?		/4
	Provide at least <u>three</u> pieces of evidence from your observations of the image.		/6
_	How does your evidence point to the conclusion you are making? Include the terms: → Environment		/6
	 → Contamination → Toxins 	STEN THE LEADER IN ST	

9

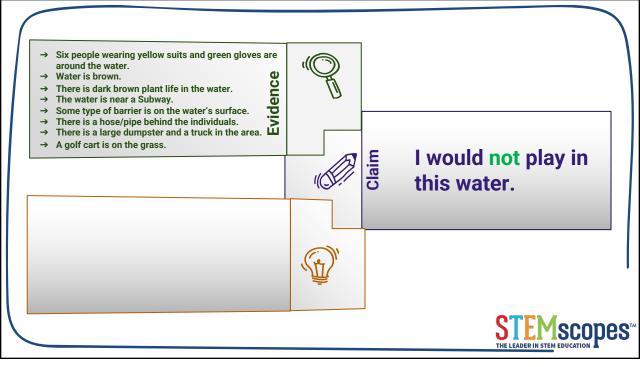




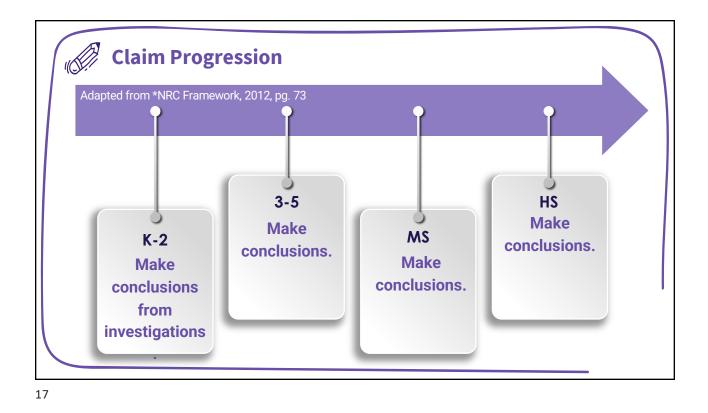


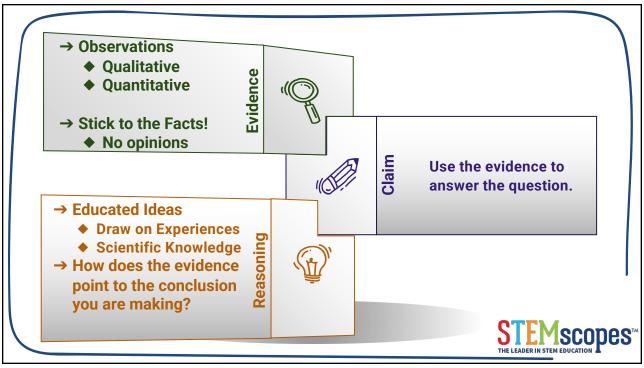


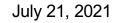




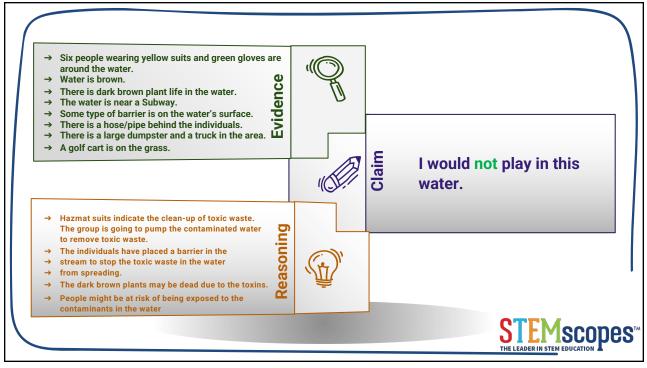
 Specifications	Feedback	Score
Answers the Question: Would you play in this water?		/4
Provide at least <u>three</u> pieces of evidence from your observations of the image.		/6
How does your evidence point to the conclusion you are making? Include the terms: → Environment → Contamination → Toxins	ОТГА	/6 SCOD

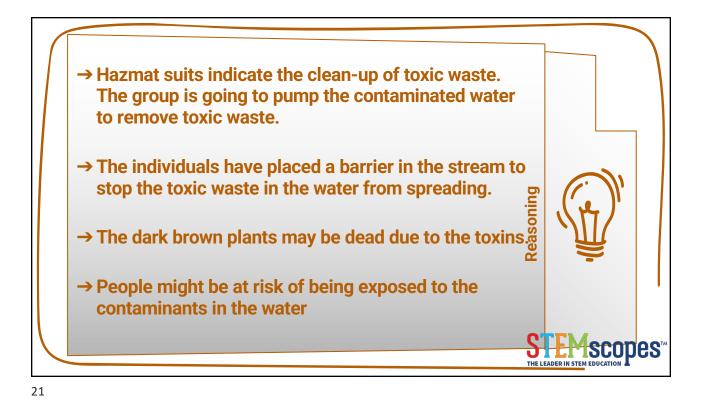












W Reasoning Progression MS 🖕 3-5 **Provide** a HS **Provide a simple** HS C justification for Provide a connection **Describe why** why the justification... between claim counter-claim is evidence and and evidence not appropriate supports the each piece of using the big by critiquing the claim using evidence mav ideas they have alternative scientific have a different learned in evidence and principles. justification. science. reasoning.

