Possible Student Responses	Yes	No	Possible Instructional Response To Trends in Student Work
Components			Review evidence from each investigation. Record data in a table to clarify evidence gathered and draw a conclusion about growth. Group: Review evidence on the class chart with columns titled YES adds mass, NO does not add mass, and UNCERTAIN.
Historical investigations show that new mass is not coming from the soil.			
Historical investigations show that new mass is not coming from water.			
Historical investigations show that sunlight is needed for new mass.			
Cause-and-Effect Mechanisms Response indicates a reasonable connection between evidence of source such as water or soil (cause) and claim for source of new mass (effect).			Review cause-and-effect relationships in more familiar examples or examples related to students' lives. Introduce the cause and effect sentence stems: If this then If happens then The caused the effect of
Questions New questions posed are based on evidence from historical investigations OR seek to clarify additional information to explain tree growth.			Gather questions from exit tickets and summarize new questions into groups. Review these chunks of questions with students highlighting questions that connect to the historical discussions and would lead to investigations that could add to or clarify aspects of our current understanding. Invite students to reword or revise other questions so they connect or clarify or add to our understanding.

A project of CA NGSS K–8 Early Implementation Initiative.



7.3.R1