



Prediction Guide for the Seed Investigation

Prior to participating in an inquiry or exploration: In the **Before** column mark whether you think the prediction will happen (**YES**) or not happen (**NO**).

During or after participating in an inquiry or exploration: In the **After** column mark whether what was predicted happened (**YES**) or did not happen (**NO**). In the space below each statement, record evidence that supports the answer to the statement.

BEFORE		PREDICTIONS	AFTER	
YES	NO		YES	NO
		<i>Seeds exposed to a space environment or space-like conditions will germinate.</i>		
		<i>Plants grown from space seeds will look noticeably different than the plants grown from Earth seeds.</i>		
		<i>The number of days it takes the space seeds to germinate will be longer than the time it takes for the Earth seeds to germinate.</i>		
		<i>The seedlings that develop from Earth seeds will grow taller and faster than the plants from space seeds.</i>		
		<i>Exposure to space or space-like conditions will alter the colour of the leaves of the tomato plants.</i>		
		<i>Tomato seeds are naturally resilient to extreme environmental conditions that exist on Earth.</i>		