

Plate tectonics in an eggshell

Check out this video link: www.youtube.com/watch?v=hypVthES8-4.

How is the plate-tectonic egg model accurate? What do you think is inaccurate about the model?

Plant experiment

Check out this plant experiment video: www.youtube.com/watch?v=eG1SkMyzQmU.

Was this experiment effectively designed? Why or why not?

Figure 3

Sample rubric for scoring Leonardo discussion boards

Discussion board: Scientific analysis of video/image/report

Category	4	3	2	1
Analysis	The relationship between variables is discussed and trends/patterns logically analyzed. Predictions are made.	The relationship between variables is discussed and trends/patterns logically analyzed.	The relationship between variables is discussed but no patterns, trends or predictions are made based on the data.	The relationship between variables is not discussed.
Participation	There is focused and sustained attention on the discussion thread.	There is focused attention on the discussion thread. Student responded to teacher posting and some student postings.	There is sporadic participation on the discussion thread.	Participation is minimal.
Spelling, punctuation, and grammar	There are one or fewer errors in spelling, punctuation, and grammar in posts. Language is scientific.	There are two or three errors in spelling, punctuation, and grammar in posts. Language is scientific.	There are four errors in spelling, punctuation, and grammar in posts. Most language is	There are more than four errors in spelling, punctuation, and grammar in posts. Unscientific

			scientific	language dominates.
Background sources	Several reputable background sources are used for justification. Material is translated into student's own words.	A few reputable background sources are used for justification. Material is translated into student's own words.	A few background sources are used for justification, but some sources are not reputable. Material is translated into student's own words.	Material is directly copied rather than put into student's own words