The following entry illustrates a common misconception about making observations. The student's comments are based on her feelings about the hermit crabs and isopods. She appears to try to make observations about the movement of the hermit crabs; however, she writes about her feelings concerning the movement and attributes human emotions to the crabs.

The student attempts to share observations about the movement of the hermit crabs. However, the information is not based on actual observations but ideas and speculations.

Observations of the terrarium: 9AT and hve ar ١ 1 11 0 Ur

Here, the student has described the hermit crab with human qualities: funny and cute. The student is also sharing their feelings about the hermit crabs.

*Scroll down to see other samples.

In this sample, the student has shared some accurate observations such as "drooping down" and "there are no isopods to be seen". However, the student also includes inferences as an explanation for these observations. It is the goal of the assignment to share actual observations. Other common elements of student work to watch for and correct are attaching human characteristics to the organisms and expressing opinion, emotion or feelings towards the organisms.

	<u>Observations of the terrarium:</u> <u>Very big plantsare drooping down</u> , Some small plants are trampled by	These observations are descriptive of what the student actually sees.
Student is making inferences as to how the crabs are behaving.	the crabs and there # isopods to be seen. The crabs Keep spilling the bran flake dish, as if they are trying to starve the isopods. It seems mean.	
	Here, the student attaches humanistic qualities in that it is assumed the hermit crabs are knowingly trying to starve the isopods. The last sentence includes the student's opinion of the behavior.	
	And the set of the set of the Terrarium:	

*Scroll down to see other samples.

In this entry, the student has shared what is being observed visually. There is only one statement that is not based on evidence but on the student's opinion. From this point, it would be important to encourage the student to be more descriptive when communicating what's being observed.

	Observations of the terrarium:	
	The sunflower seeds are f	anally coming
Student is sharing accurate observations of what is happening. These	they are coming ou they are coming. forever for it	
observations could be more descriptive.		Not only is this statement opinion, but the use of "it" makes the statement unclear. Is the student talking about the
	% of isopods you can see.	sunflower seeds or the cabbage?
-	rium:	Taking Care of the Terra

*Scroll down to see another sample.

This example contains both actual observations as well as the student's opinions. It The is important to ask students to support their ideas with evidence based on what is statement is actually observed in the classroom. an inference. It is well supported by Observations of the terrarium: the evidence underlined in erm SPPY purple. However, it Much em nP should not be listed as an ne EVAN hear observation. These are the only actual observations made by the student. The How did the students come to rest is this conclusion? What opinion or evidence supports this speculation statement? based on what was observed.