

Suggestions for a Non-Quiz Assessment

To assess student ability to create and use models, students could be provided a card sort activity where specific types of organisms and matter need to be classified according to the processes in the carbon cycle that link them. Students can demonstrate their ability to link different substances and organisms based on the model previously created.

To evaluate data analysis skills students could be provided other climate and weather related data such as

<https://www.esrl.noaa.gov/psd/boulder/boulder.daysgt90.html>

<http://www.ipcc-data.org/observ/clim/index.html>

and then be asked what they notice about this data. What questions do they have about the data and what conclusions they could draw from this data.