



Scoring Rubric for Carbon Cycle graphical representation

InTeGrate “Carbon, Climate, and Energy Resources” teaching module
Unit 2 assessment

Dimension	Sophisticated	Competent	Needs Work
Reservoirs	Carbon cycle is remarkably complete, with at least 6 major reservoirs depicted and appropriately labeled. 12 – 15 pts	Carbon cycle is mostly complete, with most (more than 4) major reservoirs depicted and appropriately labeled. 8 – 11 pts	Carbon cycle is mostly incomplete, with most (more than 4) major reservoirs missing or lacking appropriate labels. 0 – 7 pts
Fluxes	Fluxes between those reservoirs are labeled to show an understanding of processes. Fluxes link appropriate reservoirs. No major fluxes are missing. 12 – 15 pts	Fluxes between those reservoirs are labeled to show an understanding of processes, but some fluxes link the wrong reservoirs, or some major fluxes are missing. 8 – 11 pts	Fluxes between reservoirs are either mostly missing or mostly misplaced or mostly unlabeled, failing to demonstrate an understanding of carbon cycle processes. 0 – 7 pts
Imagery	Graphics, when used, are clear and match the topics being discussed. Digital images are a resolution appropriate to the intended viewer. Both the big-picture organization and the small details are elegantly arranged. 8 – 10 pts	Graphics, when used, are mostly clear and mostly match the topics being discussed. Digital images may lack resolution that would be appropriate for the intended viewer. Either the big-picture organization or the small details were not as elegantly arranged as they could have been. 5 – 7 pts	Graphics were unclear or lacking or failed to match the topics being discussed. Digital images lacked resolution that would be appropriate for the intended viewer. Both the big-picture organization and the small details were not as elegantly arranged as they could have been. 0 – 4 pts
Writing	Text and labels in the graphical representation follow the rules of good grammar and lack spelling errors. 8 – 10 pts	Text and labels in the graphical representation mostly accord with the rules of good grammar and contain only a few spelling errors. 5 – 7 pts	Text and labels in the graphical representation violate key rules of good grammar and feature multiple spelling errors. 0 – 4 pts

Total points possible: **50**