

## MEA Science Vocabulary/Terminology Guidance 2007-2008

	Grade 4	Grade 8
Direction words and phrases	compare conclude describe explain (process, similarities, differences) identify list provide the one that <b>best</b> ... sort	compare conclude describe explain (process, similarities, differences) identify list provide the one that <b>best</b> ... sort
Organisms and Environments	Common biomes (such as): forest, desert, tundra, grassland, polar, ocean, rainforest Common life cycles (such as): monarch, frog, grasshopper, dragonfly, salmon Organisms commonly found in the biomes (such as): moose, vole, pine tree, eagle, raccoon Simple food chains Single-celled (such as): amoeba, paramecium, euglena	Extinct organisms and fossils: horse, trilobite, ferns Common elements, compounds, and periodic table groups: calcium, potassium, carbon dioxide, water, noble gasses Food webs from common biomes Organ systems: circulatory, digestive, nervous, respiratory, skeletal
Any terms used in the Maine Learning Results may appear on the MEA. The words listed may need special attention or may have different meanings for science and	ancestor adaptation balance change (chemical and physical) conclusion condensation data energy (light, sound, heat, sound) evaporation extinct	absorb accelerate amplitude celestial bodies chloroplast compound condensation convection drag electromagnetic spectrum

Note: This list is a guide. It is an attempt to better delineate the vocabulary demands of the MEA science and technology test. It is possible that it will not be considered complete by all users. Please contact Anita Bernhardt at [anita.bernhardt@maine.gov](mailto:anita.bernhardt@maine.gov) with any suggestions for additions. Words and phrases from prior years may appear in tests at any grade level.

<p>technology than in other areas.</p>	<p>matter mixture phases precipitation property record rotate revolve weathering</p>	<p>elements energy: mechanical, nuclear, atomic, chemical, potential, kinetic evaporation eyespot flagellum frequencies friction geological glucose impact inertia mass matter mesosphere microorganism Newtons nucleus oxidation photosynthesis property radiation rotate revolve sedimentary structural adaptation thermosphere tissue troposphere weathering</p>
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