

## MEA Science Vocabulary/Terminology Guidance 2010-2011

	<b>Grade 5</b>	<b>Grade 8</b>
<b>Direction words and phrases</b>	compare (similarities and differences) conclude describe explain (process, similarities, differences) identify list provide the one that <b>best</b> ... provide the <b>most likely</b> sort	compare (similarities and differences) conclude describe explain (process, similarities, differences) identify list provide the one that <b>best</b> ... provide the <b>most likely</b> sort
<b>Organisms and Environments</b>	<ul style="list-style-type: none"> <li>• common biomes including forest, desert, tundra, grassland, polar, ocean, rainforest</li> <li>• common life cycles including monarch butterfly, frog, grasshopper, dragonfly, salmon</li> <li>• organisms commonly found in the biomes, for example: moose, vole, pine tree, eagle, raccoon (forest)</li> <li>• simple food chains</li> <li>• single-celled organisms including amoeba, paramecium, euglena</li> </ul>	<p><b>In addition to the Grade 5 list:</b></p> <ul style="list-style-type: none"> <li>• extinct organisms and fossils including horse, trilobite, ferns</li> <li>• common elements, mixtures, compounds, and periodic table groups including calcium, potassium, carbon dioxide, water, noble gases</li> <li>• food webs of common biomes</li> <li>• organ systems including circulatory, digestive, nervous, respiratory, skeletal</li> </ul>
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	Adaptation algae ancestor bacteria (bacterium) balance biological parent Celsius (all temperatures in degrees Celsius) change (chemical and physical) conclusion condensation data energy (light, sound, heat, sound) erosion	<p><b>In addition to the Grade 5 list:</b></p> absorb accelerate amplitude celestial bodies chloroplast compound condensation convection direct/indirect drag electromagnetic spectrum elements

Note: This list is a guide. It is an attempt to better delineate the vocabulary demands of the MEA science 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>science and technology than in other areas.</p>	<p>evaporation  extinct  inherited  matter  mixture  offspring  phases  photosynthesis  precipitation  property  record  rotate  revolve  water vapor  weathering</p>	<p>energy including mechanical, nuclear, atomic, chemical, potential, kinetic  evaporation  eyespots  flagellum  frequencies  friction  geological  glucose  impact  indirect/direct  inertia  kinetic  lichen  mass  matter  mesosphere  microorganism  Newtons  nucleus  oxidation  property  radiation  rotate  revolve  sedimentary  structural adaptation  thermosphere  tissue  troposphere  weathering</p>
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