

**GRADE: 3**

**ELD STANDARD: Language of Science TOPIC: Soil**

**CONNECTION: Massachusetts Curriculum Frameworks, Somerville Science and Tech/Eng Curriculum Standards and Benchmarks**

**EXAMPLE CONTEXT FOR LANGUAGE USE:** Students identify soil types and mixtures by listening to teacher’s oral descriptions to prepare for analysis of local soil sample.

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| **COGNITIVE FUNCTION: Students at all level of English language proficiency REMEMBER the characteristics of soil types and components of soil mixtures.** | | | | | | |
| **DOMAIN: \_Listening & Speaking\_** | **Level 1**  **Entering** | **Level 2**  **Emerging** | **Level 3**  **Developing** | **Level 4**  **Expanding** | **Level 5**  **Bridging** | **Level 6 - Reaching** |
| Identify and match soil types and soil mixtures based on oral descriptions using realia, illustrated word wall with word bank, L1, gestures, and teacher clarifications. | Identify and name soil types and soil mixtures based on oral descriptions using realia, and illustrated word wall with word bank. | Identify, name and describe soil types and soil mixtures based on oral descriptions using realia, and illustrated word wall with word bank. | Identify, name and describe soil types and soil mixtures based on oral descriptions using realia. | Distinguish, name and describe soil types and soil mixtures based on oral descriptions using realia and explain where each type of soil is found. |
| **TOPIC-RELATED LANGUAGE: Students at all levels of English language proficiency interact with grade-level words and expressions, such as: coarse, fine, smooth, rough, gravel, texture, observe, mixture, clay, humus, sand, soil, components, characteristics.** | | | | | | |

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