**Engaging ELLs in a Project Based Science Unit**

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SIOP Feature 22: Activities Integrate All Language Skills\*

Think about a science unit you currently teach. How would you create 4 sections of a formative assessment using the four language skills (listening, speaking, reading, and writing)?

Listening:

Speaking:

Reading:

Writing:

SIOP Feature 13: Ample Opportunities Provided for Students to Use Learning Strategies\*

Thinking of the same science unit, how could you use the following student centered learning strategies to support ELLs?

Mental Imagery:

Clustering:

Creating Analogies:

Mnemonics:

Comprehension Strategies (prediction, self-questioning, determining importance, and summarizing):

SIOP Feature 27: Comprehensive Review of Key Vocabulary\*

How could you review science vocabulary with students in which students can interact with the vocabulary in meaningful ways?

Word Study Book:

Word Root Discussion:

Cloze Sentences:

Word Generation:

Vocabulary Self Assessment:

\*SIOP Features reference:

Echevarria, J., Vogt, M., and Short, D.J. (2008). *Making content comprehensible for English learners: The*

*SIOP model*. (3rd ed.). Boston: Pearson.