

## Appendix E-Standardized MS Alignment Sentence Stems

Lesson stems:

- The unit/lesson contains many opportunities to discuss \_\_\_\_\_.
- The unit/lesson contains opportunities for the use of terms \_\_\_\_\_ but it requires the intentional use by teachers.
- The unit/lesson has intentional use of term(s) \_\_\_\_\_.
- The unit contains many opportunities to address the standards but the teacher must be intentional in using the term(s) \_\_\_\_\_.
- The unit/lesson is strong in \_\_\_\_\_.
- The unit/lesson is consistently used to ensure \_\_\_\_\_.
- The unit/lesson intentionally refers to \_\_\_\_\_.
- The unit/lesson is an integral part of a learning progression.
- This unit/lesson is a part of a conceptual sequence.

Teacher stems:

- Teacher must be intentional about sharing \_\_\_\_\_.
- Teacher must be intentional about use of the terms (vocabulary \_\_\_\_\_.)
- The teacher needs to be intentional about discussing the standard \_\_\_\_\_.
- The teacher needs to be intentional about discussing what might happen \_\_\_\_\_.
- Teachers need to ask students to explain \_\_\_\_\_.
- Teachers need to emphasize \_\_\_\_\_.
- The teacher needs to intentionally take advantage of multiple opportunities to \_\_\_\_\_.
- Teacher must make use of information found in \_\_\_\_\_.
- Teacher questioning should elicit student understanding of \_\_\_\_\_.
- Teacher has multiple opportunities to reinforce the concept \_\_\_\_\_.

Student stems:

- Students are asked to \_\_\_\_\_.
- Students are asked to demonstrate conceptual understanding of standards in lessons \_\_\_\_\_.
- When students are designing \_\_\_\_\_.
- Students work throughout the unit in \_\_\_\_\_ (i.e. collaborative groups).
- Students consistently use the standard \_\_\_\_\_.
- Throughout the unit/lesson, students generate \_\_\_\_\_.

The original Stems were taken from the K-5 STC alignment done by the South Central and South East Washington State LASER Alliances. They have been modified and enhanced by the MS alignment teams to reflect the terminology found in the MS modules and the 2010 Washington State Science Learning Standards.