

Common Core Math—Sounds Like Fun: Seeing Animal Sounds

Engineering is Elementary units are designed primarily to teach engineering skills and habits of mind. In doing so, all units also reinforce and link to other content areas. The math practices and standards addressed by this unit are listed below.

Math Practices Embedded Throughout the Unit:

1. Make sense of problems and persevere in solving them.
2. Reasons abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.

Grade	Lesson #	Common Core Math Cluster or Practice	Common Core Math Standard
1	3, 4	Number and Operations in Base Ten 1.NBT: <ul style="list-style-type: none"> • Extend the counting sequence. 	1.NBT.1: Count to 120 starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.
1	3, 4	Measurement and Data 1.MD: <ul style="list-style-type: none"> • Measure lengths indirectly and by iterating length of units • Represent and interpret data 	1.MD.1: Order three objects by length, compare the lengths of two objects indirectly by using a third object. 1.MD.4: Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.
2	3, 4	Measurement and Data 2.MD: <ul style="list-style-type: none"> • Measure and estimate lengths in standard units. • Represent and interpret data 	2.MD.1: Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. 2.MD.6: Represent whole numbers as lengths from 0 on a number line diagram. 2.MD.9: Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurements of the same object.