Instructional Unit Title: Characteristics and Properties of Organisms and Objects

Science Kindergarten

The teacher may utilize an informational text to introduce/review the 5 senses (e.g., *My Five Senses*) so that student can recognize each sense and its function.



The teacher may present various objects and relevant vocabulary so that the students can begin describing several properties of the objects.



The teacher may present images of various animals and relevant vocabulary so that the students can describe several characteristics of the animals.



The teacher may provide a variety of objects (e.g., pattern blocks, different types of pencils, books, pencil grips, pebbles) so that students can begin exploring ways to group objects using more than one shared attribute.



The teacher may provide a variety of objects (e.g., pattern blocks, different types of pencils, books, pencil grips, pebbles) so that students can begin exploring attributes by which to sort objects.



Through modeling the teacher may introduce the ideas of sorting and grouping so that students can begin (verbally) categorizing objects.



The teacher may provide a variety of images of animals so that students can begin exploring physical characteristics by which to sort animals.



The teacher may provide images of animals so that students can begin exploring ways to group animals using more than one shared characteristic.



PERFORMANCE ASSESSMENT: The principal of this school has just received an enormous box of donated items for kids. The box is a jumble of objects of different colors and sizes (small, large, fuzzy, hard, blue, etc.). As a group of budding scientists, the principal has asked you to find a way to categorize these objects and describe how you decided to sort the objects. Good luck!

This unit was authored by a team of Colorado educators. The unit is intended to support teachers, schools, and districts as they make their own local decisions around the best instructional plans and practices for all students. To see the entire instructional unit sample with possible learning experiences, resources, differentiation, and assessments visit http://www.cde.state.co.us/standardsandinstruction/instructionalunitsamples.