

Grade 5

All Mixed Up



During these learning experiences, the concept of density as introduced in Grade 4 lessons is further explored and expanded to new situations. In addition, students are introduced to other characteristic properties of matter such as solubility, boiling point, and melting point. Mixtures of substances are examined and problem solving is used to determine the best process for separating their parts. Solutions are identified as special mixtures with evaporation being used as one method for separating their ingredients.

While participating in the activities that explore these concepts, students are drawn into refining their measurement skills and selection of appropriate tools and units. It can be tempting to introduce the concepts of atoms and molecules at this point, but research indicates that it is too early for this grade level and should be avoided until 8th grade or later.

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