

Innovation Title: Constructing Compounds

Teacher Names: David Knight & Clarissa Roberts-Sprouse

District and School: Brighton 27J – Thimmig K-8 & Overland Trail Middle School

Innovation for Students in Grades: 6th

Description: We re-worked an activity for our 6th graders on using clay & toothpicks to make models of compounds. We started with an activity out of last years textbooks and observed the students as they completed it. We then made changes so that it better met the needs of the students and our goal for the lesson. Our goal was to have the students better understand atoms, elements, molecules, & compounds. We feel the activity was improved but that we would put the lesson farther along in our unit. The students needed a great deal of support and we feel that they would need less if they had had more instruction leading up to the activity.

Colorado Model Content Standard or Benchmark in Science: Standard 2: Students Know and understand common properties, forms, and changes in matter. Strand 2.1 Students know that matter has characteristic properties, which are related to its composition and structure. Benchmark 3: Classify and describe matter in terms of elements, compounds, mixtures, atoms, and molecules.

Teacher Learner Comments: