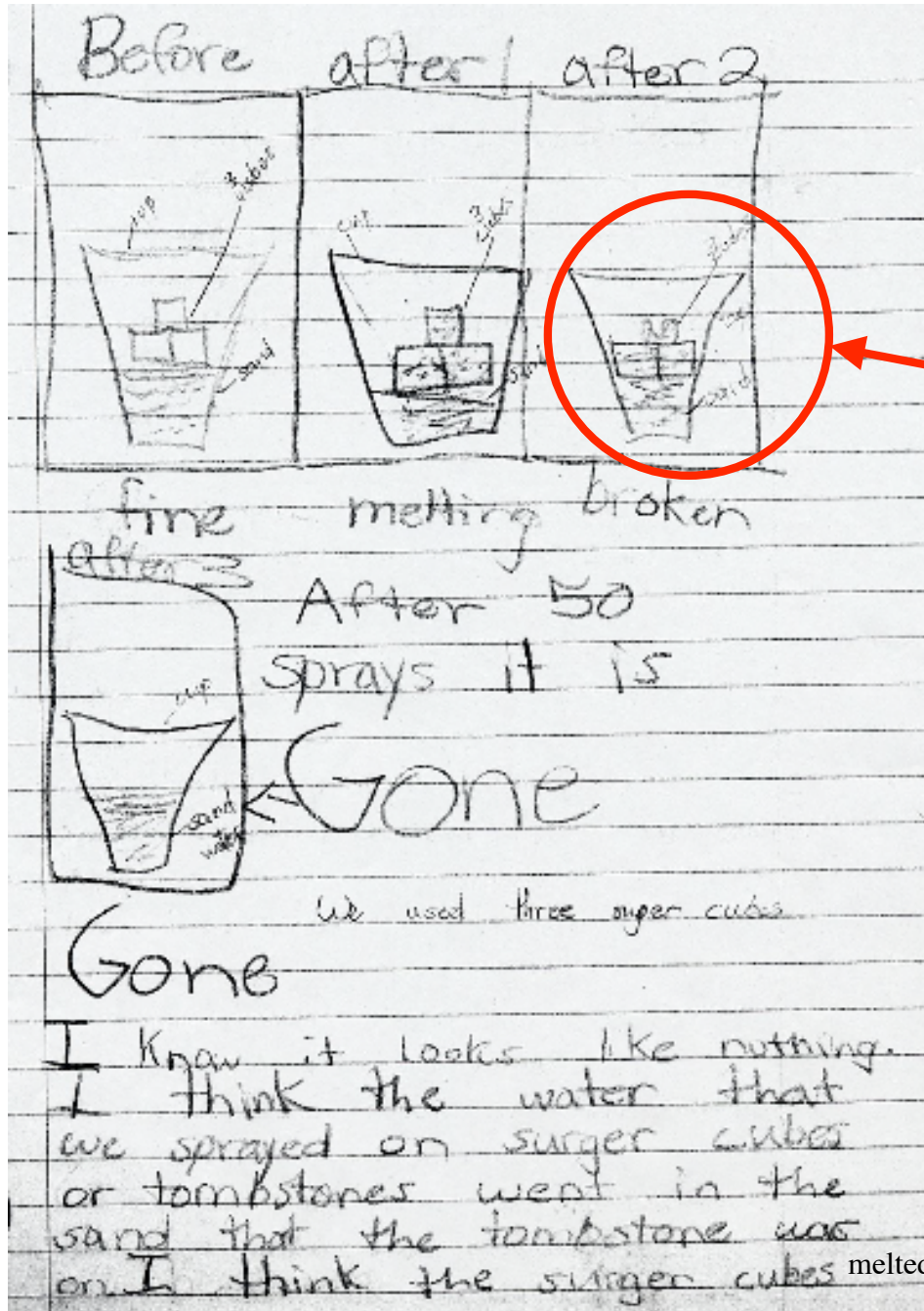


Temporary Tombstones Sample Student Work

This is the first of many lessons requiring students to document their experiments through drawings. The sample below is fairly representative of the type of work one might expect in the first lesson. Students' organizational abilities will vary. In this sample the student kept the drawings very organized. It was only after a class discussion about important parts/features of a quality drawing that the student inserted the labels and titles for each picture.



Students should be encouraged to draw the entire system: cup, sand, and sugar cubes.

Students' written descriptions and inferences reveal significant information about their observational skills and prior knowledge. In this sample, the student's written descriptions about what the tombstone looks like are very limited. She uses one-word descriptions underneath each picture. Also, the student indicates that she believes the sugar cubes **melted**. The pilot teacher of the unit found this to be a relatively pervasive belief held by many students.