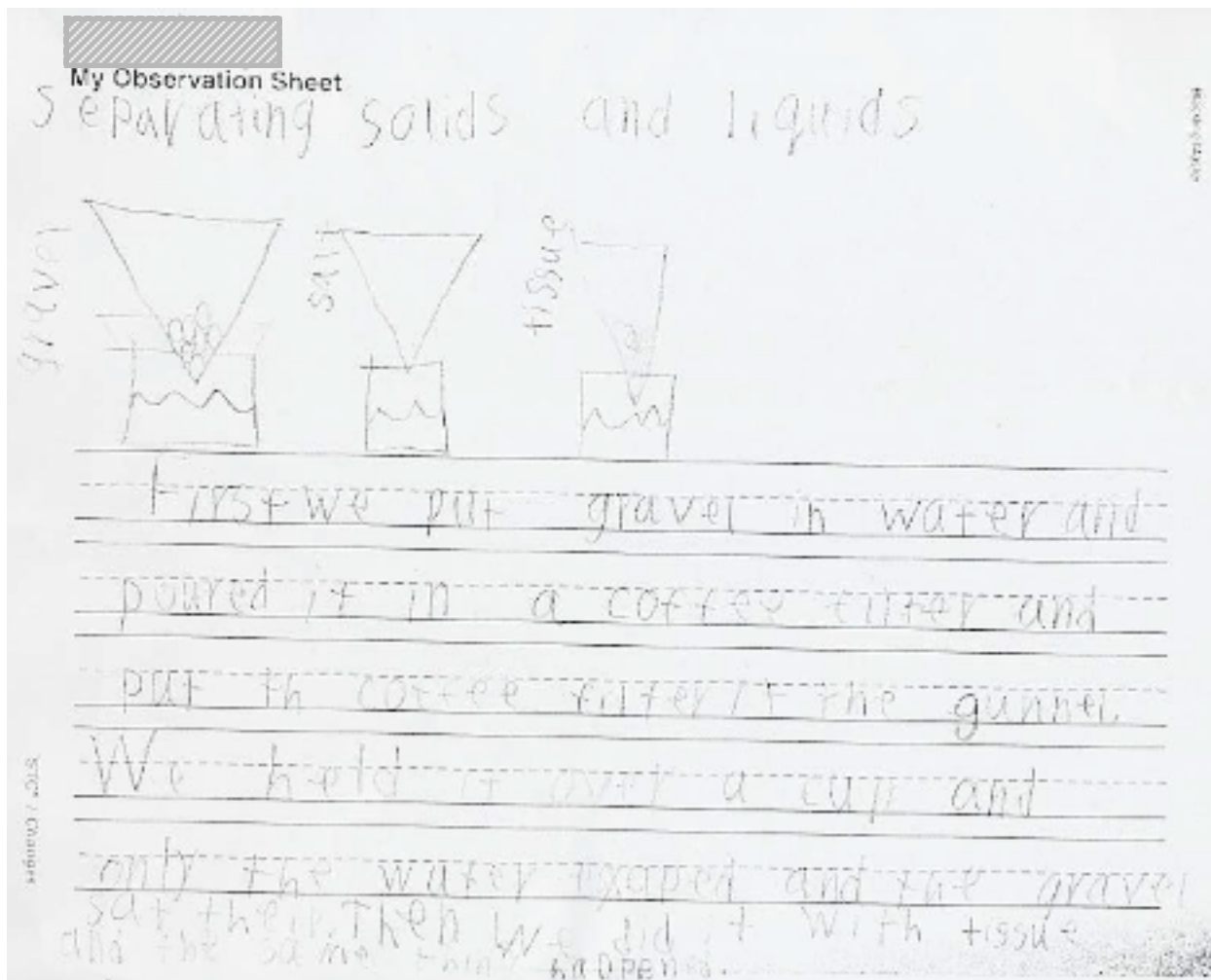


Lesson 6: Separating Solid and Liquid Mixtures

The STC *Changes* Teacher's Guide does not direct teachers to have students record their observations. Pilot teachers used the generic "My Observation Sheet" to record the data. Below are two samples. In the first one, the student describes the procedure of the experiment as well as some of the observations. In the second example, shown on the next page, the outcome of separating each mixture was described. The pictures in the second sample illustrate what was left on the filter paper.



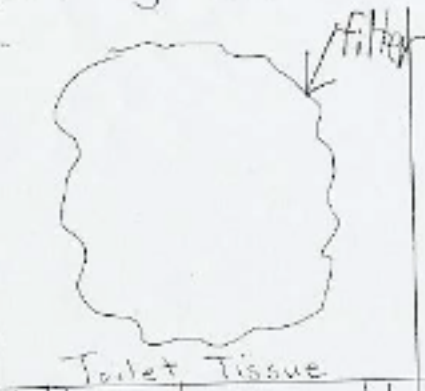
Student's written comments (edited): First we put gravel in water and poured it in a coffee filter and put the coffee filter in the funnel. We held it over a cup and only the water escaped and the gravel sat there. Then we did it with tissue and the same thing happened.

Encourage students to record observations of the experiment. Many students are inclined to describe the procedure of the experiment, as this student did. If the explanation helps clarify the observations, then support the practice. Otherwise, encourage students to focus solely on their observations.

Scroll down to see second example.

Lesson 6 Separating Solid and Liquid Mixtures

My Observation Sheet



We were able to separate the gravel from the water using a filter.	We were able to separate the toilet tissue from the water.	We were <u>not</u> able to separate the salt and the water solution.
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STW / Gump