

Teacher's Preparatory Guide

Instructions for Measuring Center

1. Show the students each tool at the center and tell them the name and what it measures.
2. Some tools measure the length of something.
 - Have a student use a ruler to measure the width of a sheet of paper.
 - Have each child stand next to the wall. Put a piece of painter's tape at their height and have them use a measuring tape to measure their height.
3. Some tools measure the weight or mass of something.
 - Explain the double pan balance to the students.
 - Using the weights, have 2-3 students measure weight of the beans.
4. Some tools measure how hot or cold something is.
 - Show students the temperature of the room.
 - Let someone tell the temperature of a cup of ice
5. Some tools measure the volume of something.
 - Give each student a plastic bag.
 - Have a student measure 2 cups of plain flour and add to bowl.
 - Have a student measure 1 cup of salt and add to bowl.
 - Have a student measure 1 cup of cold water and add to bowl.
 - Have a student measure 1 tablespoon of baby oil and add to bowl.
 - Have a student add a drop of food coloring to bowl.
 - Mix all ingredients and then place some into each student's bag.
 - Tell them to knead their bags and when they get home they will have play dough to play with.