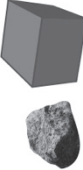
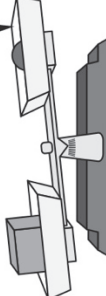


Master 9: Activity 4 Assessment

Measuring Mass

Estimating, Measuring, and Comparing Mass Behaviours/Strategies		
<p>1. Student struggles to estimate and compare objects by mass with non-standard units and thinks a larger object has a greater mass.</p>  <p>“The blue block is heavier because it’s bigger.”</p>	<p>2. Student measures and compares objects by mass with non-standard units, but thinks the heavier object is in the higher pan of the pan balance.</p>  <p>“This one is heavier.”</p>	<p>3. Student measures and compares objects by mass with non-standard units, but struggles with the technical use of the pan balance (e.g., has accuracy issues or thinks the arrangement of objects in the pans will impact the mass).</p>
Observations/Documentation		
<p>4. Student estimates and measures objects by mass with non-standard units, but struggles to order the objects from lightest to heaviest.</p>	<p>5. Student estimates, measures, compares, and orders objects by mass with non-standard units, but struggles to see a relationship between the size of the unit and the number of units.</p>	<p>6. Student successfully estimates, measures, compares, and orders objects by mass with non-standard units, and sees a relationship between the units.</p>
Observations/Documentation		