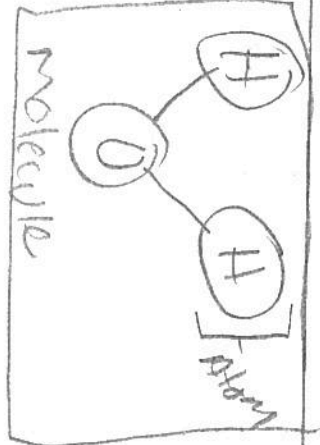


# Summary Table

7.2 Aug 2

Q	Activity	Evidence	Answer
What is the relationship between mass & volume?	Mass, Volume, Density Labs	A1 bar Vol = 7.8 cm <sup>3</sup> A1 cubic Vol = 15.6 cm <sup>3</sup> <hr/> A1 bar mass = 20.5 g A1 cube mass = 45 g bar D = 20.5 / 7.8 = 2.88 cube D = 45 / 15.6 = 2.88	They are directly related (proportional) $M = D \times V \rightarrow M = 20$ $V = 5 \rightarrow V = 10$ Density? $D = 2$ $D = M/V (M \div V)$
Why are papers are best for a material?	Different types Act 12 <hr/> Act 13	Data cards <hr/> Life cycle diagrams	Layers on the viewpoint of the person and the properties they need in a material Based on properties they share
How are things grouped? (elements) How do atoms combine to form molecules?	Act 14 Act 15 <hr/> Act 17	Metals vs Non-metals Plastics, ceramics, lat, metals <hr/> 	Molecules consist of more than one type of atoms bonded together.

# Summary Table

<p>Q</p> <p>What is evidence of a chemical rxn?</p>	<p>Activity</p> <p>Finding something new</p>	<p>Evidence</p> <p>Unexpected color change Temp change Bubble formation Precipitate forms</p>	<p>Answer</p> <p>A new substance is formed with new properties by changing reactants into products</p>
<p>How does the total mass of the reactants compare to the total mass of the products in a chemical rxn?</p>	<p>Ans - Conservation of mass</p>	<p>Mass before mass after</p>	<p>The # of atoms (mass) stays the same before &amp; after a chemical rxn.</p>