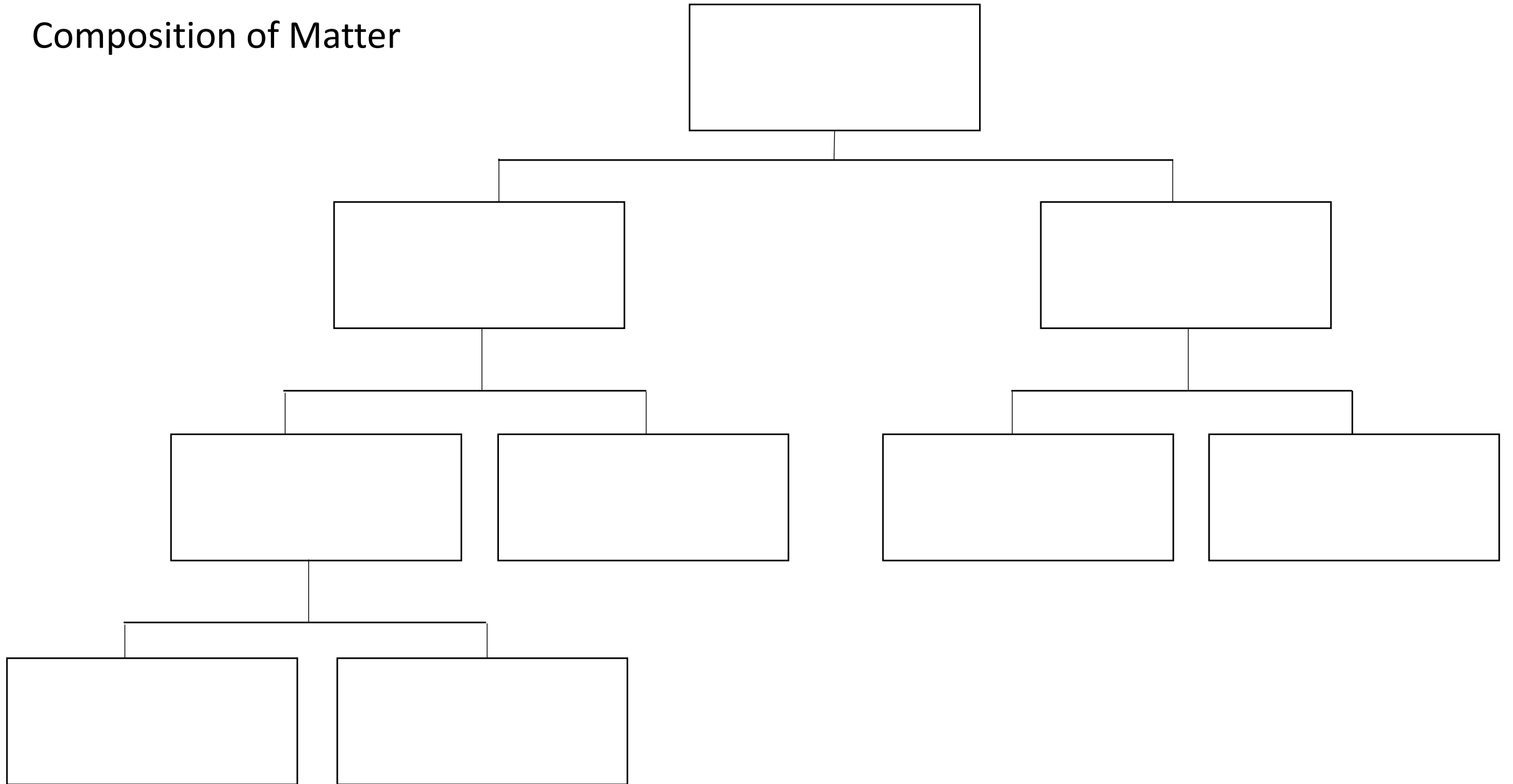


# Composition of Matter



<p><b>Homogeneous Mixture</b> aka. Solutions ex.) tea, vinegar, steel alloys, compressed gas</p>
<p><b>Elements</b> (all atoms are the same) ex.) aluminum, silver, gold, copper</p>
<p><b>Matter</b> (anything that has mass and takes up space)</p>
<p><b>Colloid</b> (Tyndall effect) ex.) milk</p>
<p><b>Mixtures</b> (can be separated by physical means)</p>
<p><b>Heterogeneous Mixtures</b></p>
<p><b>Suspension</b> (particles eventually settle out) ex.) river water</p>
<p><b>Pure Substances</b></p>

<p><b>Compounds</b> (2 or more elements combined in a fixed proportion; can be separated by chemical means) ex.) H<sub>2</sub>O, NaCl, H<sub>2</sub>SO<sub>4</sub></p>
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*Directions: Cut these pieces out. Arrange and glue them accurately on the blank diagram. This will go on the next available page in your composition book*

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