

## CHAPTER OVERVIEW

### 2: The Physical and Chemical Properties of Matter

In chapter one, we defined matter as anything that has mass and occupies space. In this chapter, we will look more closely at matter and break it into sub-classes including pure substances and mixtures. We will look at the physical state that matter can adopt (solids, liquids, and gasses) And we will learned how to characterized these using intensive properties such as density. Finally, we will look at changes in these properties and define them in terms of simple physical changes (such as share of physical state) And chemical changes, where one or more substances combine to make new substances.

[2.1: Pure Substances and Mixtures](#)

[2.2: The States of Matter](#)

[2.3: Density, Proportion and Dimensional Analysis](#)

[2.4: Chemical and Physical Properties and Changes](#)

[2.5: Conservation of Mass](#)

[2.S: The Physical and Chemical Properties of Matter \(Summary\)](#)

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