

Foundations of Physics Study Guide for Chapter 2:

- Section 2.1 “Classifying Matter”
 - Matter: Definition
 - Pure Substances: Definition and Identification
 - Elements: Definition and Identification
 - Compounds: Definition and Identification
 - Mixtures: Definition and Identification
 - Miscible and immiscible: Definition and identification
 - Homogeneous Mixtures: Definition and Identification
 - Heterogeneous Mixtures: Definition and Identification
 - Colloids: Identification
 - Tyndall Effect: Definition and Identification
 - Mystery Mixtures LAB
- Section 2.2 “Properties of Matter”
 - Physical Properties: Definition and Examples
 - Density: Definition and Equation
 - Chemical Properties: Definition and Examples
- Section 2.3 “Changes of Matter”
 - Physical Changes: Definition and Identification
 - Chemical Changes: Definition and Identification
 - Evidence of a chemical reaction: Identify the 4 indicators
 - Separating Mixtures (By Physical Means):
 - Filtration: Separated by particle size
 - Distillation: Separated by boiling points
 - Separating Compounds (By chemical means)