

## Assignment Sheet Chapters 14 &amp; 15

## Chapter 14: An Introduction to Matter (pages 436-465)

Link to the [PowerPoint Notes](#) – If you need another hard copy...Link to the [worksheets](#) – If you need another hard copy...

- I. [Screencast](#) Chapter 14 – An Intro to matter Due: Wed 1/4
- a. **Vocabulary** – Review the terms- no need to write down
- b. 14-1: Describing Matter b. 14-2, 14-3 and 14-4
- |                            |                   |            |                  |
|----------------------------|-------------------|------------|------------------|
| 1. Characteristic Property | 6. Mixture        | 1. Weight  | 6. Atom          |
| 2. Boiling Point           | 7. Solution       | 2. Mass    | 7. Molecule      |
| 3. Melting Point           | 8. Pure Substance | 3. SI      | 8. Chemical Bond |
| 4. Physical Change         | 9. Element        | 4. Volume  | 9. Ore           |
| 5. Chemical Change         | 10. Compound      | 5. Density |                  |

- II. **CHI thru 1Peter 3:8 & G&L 1-70** Wed 1/11

- III. [Worksheets](#) – Due Wed 1/11

- c. Using Correct Units (page 10) ( 5 min)
- d. Chemical vs Physical Properties (page 38) ( 5 min)
- e. Chemical vs Physical Changes (page 9) ( 5 min)
- f. Physical vs. Chemical Changes pg 19 ( 3 min)
- g. Matter –Substance v Mixture pg 17 ( 3 min)
- h. Elements, Compounds and Mixtures (page 10) ( 5 min)
- i. Homogeneous vs Heterogeneous (page 36) ( 3 min)
- j. Separation of Mixtures (page 40) (30 min)
- IV. [“Smarter Every Day” \(SED #7\)](#) (summary submitted via Google Classroom due by midnight) **Fri 11/13**
- V. **Exam Chap 14** Wednesday 1/18

## Chapter 15: Changes in Matter (pages 456-497)

- I. [“Smarter Every Day” \(SED #8\)](#) (summary submitted via Google Classroom due by midnight) **Fri 11/20**
- II. [Screencast](#) Chapter 15 – Changes in Matter Due: Fri 1/20

- III. **Vocabulary – Review- no need to write out**
- k. 15-1: Solids, Liquids and Gases b. 15-2: Measuring Matter
- |                      |              |                |
|----------------------|--------------|----------------|
| 1. Solid             | 6. Gas       | 1. Temperature |
| 2. Crystalline Solid | 7. Viscosity | 2. Pressure    |
| 3. Amorphous Solid   | 8. Gas       | 3. Boyle’s Law |
| 4. Liquid            | 5. fluid     | 4. Charles Law |

- IV. [Worksheets](#) Due Wed 1/25
- l. States of Matter Crossword (page 41) (15 min)
- m. Boyle's Law (page 20) (20 min)
- n. Charles’s Law (page 21) (20 min)

- V. [“Smarter Every Day” \(SED #9\)](#) (summary submitted via Google Classroom due by midnight) **Fri 1/27**

- VI. **Exam Chap 15** Wednesday 2/1

- VII. [“Smarter Every Day” \(SED #10\)](#) (summary submitted via Google Classroom due by midnight) **Fri 2/3**

- VIII. [“Smarter Every Day” \(SED #11\)](#) (summary submitted via Google Classroom due by midnight) **Fri 2/10**

- IX. **CHI thru Psalm 27:11 & G&L 1-100 Friday 2/10** Friday 2/10