

ARC Week at Glance

Topic: Substances and Mixtures Course: AP Chemistry Grade(s): 10-12 Dates: 01/27/25-01/31/25

| | Learning Target (I am learning about...) | Criteria for Success (I can...) | Activation/ Instruction | Collaboration/ Guided Practice | Independent Learning/ Assessment |
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| | | | <i>(Include at least one/two formatives*in any part of the lesson as needed)</i> | | |
| Monday | I am learning about the properties of substances and mixtures. | I can apply knowledge about the properties of substances and mixtures. | Do Now: Hydrogen Bonding sample problem. | The teacher will discuss a sample problem and discuss another sample problem. Teacher and students will complete another sample problem from the Hydrogen Bonding exercise. | |
| Tuesday | I am learning about the properties of substances and mixtures. | I can apply knowledge about the properties of substances and mixtures. | Do Now: Draw a particulate diagram of a solid, liquid, and gas. Students will conduct a short performance activity on solids, liquids, and gases. | The teacher will conduct a short mini lesson on Particulate models on solids, liquids, and gases. The teacher will discuss Lessons 3.9-3.13 packet. | Students will begin lesson 3.9 in their Unit 3 Packet. |

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| Wednesday | I am learning about the properties of substances and mixtures. | I can apply knowledge about the properties of substances and mixtures. | Do Now: Sample 3.9 Problem. | Teacher will conduct a short mini lesson on Lessons 3.10 and 3.11 | Students will continue their Unit 3 Packet on Lessons 3.9-3.13 |
| Thursday | I am learning about the properties of substances and mixtures. | I can apply knowledge about the properties of substances and mixtures. | Do Now: Sample 3.10 Problem | Teacher will conduct a short mini lesson on Lessons 3.12 and 3.13 | Students will continue their Unit 3 Packet on Lessons 3.9-3.13 |

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| Friday | I am learning about the properties of substances and mixtures. | I can apply knowledge about the properties of substances and mixtures. | Do Now: Do Now: Sample 3.11 Problem The teacher will discuss density lab. | Students will prepare materials for the Density Lab. | Students will complete a Density Lab. |
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**Please highlight your literacy tasks, your major grades and your minor grades. I suggest color coding.

Students will complete a 3-2-1 Exit Ticket each day to communicate level of understanding