Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Phase Diagrams
Course	Pre-AP Chemistry	Dates	Oct 17 – Oct 21

Monday	**Daily Objective:** Students will be able to explain the relationship between changes in states of matter and the attractions among particles. Students will be able to create and interpret models representing phase changes. **Agenda with Approximate Time Limits:** • Lesson 1.6A [45 minutes] **Formative Assessment:** Lesson 1.6 **Intervention:** Tutorials as needed **Extension:** N/A **Follow-Up/Homework:** N/A
Tuesday	**Daily Objective:** Students will be able to explain the relationship between changes in states of matter and the attractions among particles. Students will be able to create and interpret models representing phase changes. Students will be able to interpret phase diagrams of pure substances. **Agenda with Approximate Time Limits:** • Lesson 1.6B & 1.6C [45 minutes] **Formative Assessment:** Lesson 1.6 **Intervention:** Tutorials as needed **Extension:** N/A **Follow-Up/Homework:** N/A

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Wednesday / Thursday	**Daily Objective:** Students will complete student handout of Lesson 1.6. Students will create and interpret heating and cooling curves based on phase diagrams of pure substances. **Agenda with Approximate Time Limits:** Students complete the student handout Lesson 1.6 [30 min] Students complete the student handout Lesson 1.7A [60 min] **Formative Assessment:** Lesson 1.7A **Intervention:** Available tutorials, group work, and Special Ed and 504 accommodations. **Extension:** N/A. **Follow-Up/Homework:** N/A
Friday	**Daily Objective:** Students will perforce lab and collect data for Lesson 1.7C, Heat of fusion and Heat of vaporization. **Agenda with Approximate Time Limits:** Students read the article in lesson 1.7B [5 minutes] Students perform Heat of Fusion Lab [20 minutes] Students perform Heat of vaporization Lab [20 minutes] **Formative Assessment:** N/A **Intervention:** available tutorials, Special Ed and 504 accommodations. **Extension:** N/A. **Follow-Up/Homework:** N/A

Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Investigating Heating Curves
Course	PreAP Chemistry	Dates	Oct 24 – Oct 28

Monday	**Daily Objective:** Students will Calculate the energy transferred when a substance changes state. **Agenda with Approximate Time Limits:** Students complete the data analysis for lesson 1.7C [45 minutes] **Formative assessment:** Lab report lesson 1.7C **Intervention:** available tutorials, Special Ed and 504 accommodations **Follow-Up/Homework:** N/A.
Tuesday	**Daily Objective:** Review and practice: Phase diagram and heating curve. **Agenda with Approximate Time Limits:** Review and Practice. [45 minutes] **Formative Assessment:** Students complete practice questions. **Intervention:** Tutorials as needed **Extension:** N/A **Follow-Up/Homework:** N/A .
Wednesday/Thursday	**Daily Objective:** Students will show the mastery of phase diagrams and heating curve. **Agenda with Approximate Time Limits:** Review [40] Unit test [50 minutes] **Formative Assessment:** N/A. **Intervention:** available tutorials, Special Ed and 504 accommodations **Extension:** N/A. **Follow-Up/Homework:**

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Friday	**Daily Objective:** Students will learn about the concept of pressure through a reading on cupping. Students form small groups and observe changes in pressure by making a hard-boiled egg drop into a glass bottle. **Agenda with Approximate Time Limits:** Lesson 1.8 Introduction to properties of Gases [45 minutes] **Formative Assessment:** Students complete the handout 1.8 **Intervention:** available tutorials, Special Ed and 504 accommodations **Extension:** N/A **Follow-Up/Homework:** N/A