Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Unit Conversion and States of Matter
Course	PreAP Chemistry	Dates	Sept 6 – Sept 9

Monday	**Labor day no School**
Tuesday	**Daily Objective:** Students will prepare for the unit conversion and measurement exam to earn a 70% **Agenda with Approximate Time Limits:** • Do now [5min] • Review with guided questions [15 minutes] • Class practice and group discussion [30 minutes] **Formative Assessment:** Students contribute to the solutions in the guided questions **Intervention:** Tutorials as needed **Extension:** Students make their own review questions or attempt questions with two units such as m/s **Follow-Up/Homework:** Unit conversion and measurements test
Wednesday/Thursday	**Daily Objective:** Students will show mastery of metric conversions, time conversions, and metric to English conversions of volume on their measurement and units test by earning a 70% **Agenda with Approximate Time Limits:** Review and Guided Group practice of Unit conversion using conversion factor [45 minutes] Unit conversion and measurement test [45 minutes] **Formative Assessment:**

Westside High School Lesson Plan Template

	test **Intervention:** Available tutorials, group work, and Special Ed and 504 accommodations. **Extension:** N/A. **Follow-Up/Homework:** N/A
Friday	**Daily Objective:** Students will practice plotting various graphs using given data. **Agenda with Approximate Time Limits:** Graphing skills practice [45 minutes] **Formative Assessment:** Ask students to predict details of a substance using trendlines. **Intervention:** available tutorials, Special Ed and 504 accommodations. **Extension:** Students differentiate between dependent and independent variables.. **Follow-Up/Homework:** N/A

Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Structure and Properties of Matter
Course	PreAP Chemistry	Dates	Sept 12 – Sept16

Monday	**Daily Objective:** Students revisit their prior knowledge about the state of matter. Students will start to think about the particle nature of matter **Agenda with Approximate Time Limits:** Lesson 1.1: Launch Lesson States of Matter Card Sort [45 minutes] **Formative assessment:** States of matter card sort **Intervention:** available tutorials, Special Ed and 504 accommodations **Follow-Up/Homework:** N/A.
Tuesday	**Daily Objective:** Students will Build and Refine models of matter based on observations of various phenomena involving different states of matter. **Agenda with Approximate Time Limits:** • Lesson 1.2 Developing a Model of Matter Part1: Observing behaviors of solids, liquids, and gases to refine Models. [20] Part 2: Developing a Consensus Model of Matter[20 min] Part 3: Applying the consensus Model of Matter [10min] **Formative Assessment:** Students write explanation of why the mirror fogs up. **Intervention:** Tutorials as needed **Extension:** N/A **Follow-Up/Homework:** N/A Whole group debrief about the mirror fogging.

Westside High School Lesson Plan Template

Wednesday/Thursday	**Daily Objective:** Students will deepen their understanding of density so that they can represent a sample's density using multiple methods: particulate, graphical and algebraic. **Agenda with Approximate Time Limits:** Lesson 1.4: Relating Mass and Volume Lab: Part1: Data Collection [30 minutes] Part 2: Analysis [30 minutes] Part 3: Application [30 minutes] **Formative Assessment:** Students plotting data and Explain the relationship of the plot to density of matter. **Intervention:** available tutorials, Special Ed and 504 accommodations **Extension:** N/A. **Follow-Up/Homework:** Students complete lab report.
Friday	**Daily Objective:** Students differentiate between heat and temperature. Students will uncover how energy is transferred from one substance to another. **Agenda with Approximate Time Limits:** Lesson 1.5 Heat Transfer Part 1: Distinguishing Between heat and Temperature [45 minutes] **Formative Assessment:** Formative Assessment for Lesson 1.5 (question 1 and 2) **Intervention:** available tutorials, Special Ed and 504 accommodations **Extension:** Mathematical model of heat transfer **Follow-Up/Homework:** N/A