

**Content Area: Chemistry II****Standard: Kinetics****Grade Level: 11-12th**

| Level | Description |
|---------------------------------|---|
| Above & Beyond (4.0) | In addition to score 3.0 performance, the learner demonstrates in-depth inferences and applications that go beyond what is expected from the 3.0 goal. |
| 3.5 | |
| Proficient (3.0) | The student will: Demonstrates an understanding of the atomic-scale factors that affect how fast chemical changes happen; including, what defines the fraction of particles with enough energy to react, and effects of temperature, concentration and catalyst. |
| 2.5 | |
| Getting There (2.0) | The student will recognize or recall specific vocabulary and demonstrate partial understanding of proficiency criteria. |
| 1.5 | |
| Beginning (1.0) | Limited success with score 2.0 content and score 3.0 content |

| Chemistry II Proficiency Scale: Kinetics | | | |
|--|--------------|--|-------------|
| Emerging-1 | Developing-2 | Proficient-3 | Exemplary-4 |
| | | Demonstrates an understanding of the atomic-scale factors that affect how fast chemical changes happen; including, what defines the fraction of particles with enough energy to react, and effects of temperature, concentration and catalyst. | |