

OFFICE OF CURRICULUM AND INSTRUCTION

/ THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

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Diagram 1: the New York State P-12 Science Learning Standards



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|----------------------|------------|---|--|--|-----------------------|
| | | Laws, Mechanisms, and Theories Explain Natural Phenomena | | | |
| HS. Space Systems | HS-ESS1-7. | Constructing Explanations and Designing Solutions; | ESS1.B: Earth and The Solar System | Patterns | |
| HS. History of Earth | HS-ESS2-1. | Developing and Using Models | ESS2.A: Earth Materials and Systems; ESS2.B: Plate Tectonics and Large-Scale System Interactions | Stability and Change | |
| HS. Earth's Systems | HS-ESS2-2. | Analyzing and Interpreting Data | ESS2.A: Earth Materials and Systems | Stability and Change; Connections to Engineering, Technology, and Applications of Science Interdependence of Science, Engineering, and Technology | |
| HS. Earth's Systems | HS-ESS2-3. | Developing and Using Models; Connection to Nature of Science Scientific Knowledge is Based on Empirical Evidence | ESS2.A: Earth Materials and Systems; ESS2.B: Plate Tectonics and Large-Scale System Interactions; PS4.A: Wave Properties | Energy and Matter; Connections to Engineering, Technology, and Applications of Science Interdependence of Science, Engineering, and Technology | |
| HS. Earth's Systems | HS-ESS2-5. | Planning and Carrying Out Investigations | ESS2.C: The Roles of Water in Earth's Surface Processes | Structure and Function | |
| HS. Earth's Systems | HS-ESS2-6. | Developing and Using Models | ESS2.D: Weather and climate | Energy and Matter | Physical and chemical |

