

Name: Federico		Quarter: 4th	Week Beginning: Week 7 April 28- May 2
School Year: 2024-2025		Subject: Science	
Monday	Notes:	<p>Objective: Students will be able to construct a model of a different types of energy.</p> <p>Lesson Overview: STEM Project Marble Roller Coaster</p> <p>Goals:</p> <ol style="list-style-type: none"> 1. Working collaboratively in a group to problem solve 2. Construct an illustration of model 3. Develop an understanding of kinetic and potential energy in a real-world scenario 4. Construct a model of a roller coaster and test theories of potential construction designs 5. Use the potential energy formula to calculate potential energy in each scenario. 	<p>Academic Standards:</p> <p>6.P4U2.5 6.P2U1.4</p> <p>6.P1U1.1 MS-ETS1-2</p> <p>MS-ETS1-3 MS-PS2-2</p> <p>MS-PS2-4 MS-PS2-5</p> <p>MS-PS3-1MS-PS3-2</p> <p>MS-PS3-5</p>
Tuesday	Nots:	<p>Objective: Students will be able to construct a model of a different types of energy.</p> <p>Lesson Overview: STEM Project Marble Roller Coaster</p> <p>Goals:</p> <ol style="list-style-type: none"> 6. Working collaboratively in a group to problem solve 7. Construct an illustration of model 8. Develop an understanding of kinetic and potential energy in a real-world scenario 9. Construct a model of a roller coaster and test theories of potential construction designs 10. Use the potential energy formula to calculate potential energy in each scenario. 	<p>Academic Standards:</p> <p>6.P4U2.5 6.P2U1.4</p> <p>6.P1U1.1 MS-ETS1-2</p> <p>MS-ETS1-3 MS-PS2-2</p> <p>MS-PS2-4 MS-PS2-5</p> <p>MS-PS3-1MS-PS3-2</p> <p>MS-PS3-5</p>

Wednesday	Notes:	<p>Objective: Students will be able to construct a model of a different types of energy.</p> <p>Lesson Overview: STEM Project Marble Roller Coaster</p> <p>Goals:</p> <ol style="list-style-type: none"> 11. Working collaboratively in a group to problem solve 12. Construct an illustration of model 13. Develop an understanding of kinetic and potential energy in a real-world scenario 14. Construct a model of a roller coaster and test theories of potential construction designs 15. Use the potential energy formula to calculate potential energy in each scenario. 	<p>Academic Standards:</p> <p>6.P4U2.5 6.P2U1.4</p> <p>6.P1U1.1 MS-ETS1-2 MS-ETS1-3 MS-PS2-2 MS-PS2-4 MS-PS2-5 MS-PS3-1MS-PS3-2 MS-PS3-5</p>
Thursday	Notes:	<p>Objective: Students will be able to construct a model of a different types of energy.</p> <p>Lesson Overview: STEM Project Marble Roller Coaster</p> <p>Goals:</p> <ol style="list-style-type: none"> 16. Working collaboratively in a group to problem solve 17. Construct an illustration of model 18. Develop an understanding of kinetic and potential energy in a real-world scenario 19. Construct a model of a roller coaster and test theories of potential construction designs 20. Use the potential energy formula to calculate potential energy in each scenario. 	<p>Academic Standards:</p> <p>6.P4U2.5 6.P2U1.4</p> <p>6.P1U1.1 MS-ETS1-2 MS-ETS1-3 MS-PS2-2 MS-PS2-4 MS-PS2-5 MS-PS3-1MS-PS3-2 MS-PS3-5</p>

Friday	Notes:	<p>Objective: Students will be able to construct a model of a different types of energy.</p> <p>Lesson Overview: STEM Project Marble Roller Coaster</p> <p>Goals:</p> <ol style="list-style-type: none"> 21. Working collaboratively in a group to problem solve 22. Construct an illustration of model 23. Develop an understanding of kinetic and potential energy in a real-world scenario 24. Construct a model of a roller coaster and test theories of potential construction designs 25. Use the potential energy formula to calculate potential energy in each scenario. 	<p>Academic Standards:</p> <p>6.P4U2.5 6.P2U1.4</p> <p>6.P1U1.1 MS-ETS1-2</p> <p>MS-ETS1-3 MS-PS2-2</p> <p>MS-PS2-4 MS-PS2-5</p> <p>MS-PS3-1MS-PS3-2</p> <p>MS-PS3-5</p>
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