

8th Grade Science
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[Click HERE](#) for Curriculum Map (Currently updating Pacing Guide and Map to new state standards.)

Click [HERE](#) for Current OK State Standards.

Curriculum Resource - TPT Kesler Science 5e Model - Click [HERE](#)

Textbook: *Oklahoma Elevate Science* by Miller, Padilla, Wyssession; Savvas Learning Company

1st quarter	2nd quarter	3rd quarter	4th quarter
<div><div>Unit 1 - Motion and Forces</div><div>Big Picture</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div><div>-Newton Scooter</div><div>Unit 2 - Waves</div><div>Big Picture</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div><div>-Newton Scooter</div></div>	<div><div>Unit 3 - Solar Systems - Planets</div><div>Big Picture</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div><div>Possible Field Trip</div><div>-Jenks Planetarium</div><div>Unit 3 - Solar Systems - Stars</div><div>Hertzprung– Russell Diagram</div><div>Big Picture</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div><div>Possible Field Trip</div><div>-Jenks Planetarium</div></div>	<div><div>Unit 4 - Genetics/Heredity</div><div>Big Picture</div><div>Genetics: The Science of Heredity</div><div>Protein Synthesis</div><div>Embryonic Development - relatedness</div><div>Genetic Technology/Manipulation</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div></div>	<div><div>Unit 5 - Reproduction</div><div>Big Picture</div><div>Animal Behaviors</div><div>Plant Reproduction</div><div>Genetic Factors</div><div>Local Environmental Conditions</div><div>Essential Questions</div><div>Unit Projects: Problem-Based Learning</div><div>-Challenge Its</div><div>-Choice Project./Research</div></div>

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