

Oklahoma Academic Standards for Science

Student Activity - Water Drop	
7.PS3.5	Energy
PS.PS2.3	Motion and Stability: Forces and Interactions
Student Activity - Heron's Fountain	
7.PS3.5	Energy
Researcher Activity - Winogradsky Column	
7.LS1.7	From Molecules to Organisms: Structure and Function
7.LS2.1	Ecosystems: Interactions, Energy, and Dynamics
7.LS2.3	Ecosystems: Interactions, Energy, and Dynamics
7.LS2.4	Ecosystems: Interactions, Energy, and Dynamics
8.LS1.5	From Molecules to Organisms: Structure and Processes
B.LS1.3	From Molecules to Organisms: Structures and Processes
B.LS1.7	From Molecules to Organisms: Structures and Processes
B.LS2.3	Ecosystems: Interactions, Energy, and Dynamics
Researcher Activity - Soil Your Underwear Microbe Challenge	
7.LS1.7	From Molecules to Organisms: Structure and Function
7.LS2.1	Ecosystems: Interactions, Energy, and Dynamics
7.LS2.3	Ecosystems: Interactions, Energy, and Dynamics
7.LS2.4	Ecosystems: Interactions, Energy, and Dynamics
8.LS1.5	From Molecules to Organisms: Structure and Processes
Researcher Activity - Cloud in a Bottle	
6.PS1.4	Matter and Its Interactions
6.ESS2.4	Earth's Systems
Researcher Activity - Lab X – Extreme Events	
6.ESS3.2	Earth and Human Activity
ES.ESS3.1	Earth and Human Activities
Researcher Activity - Wind Turbine Blade Design	
7.PS3.5	Energy
8.PS2.2	Motion and Stability: Forces and Interactions
PS.PS2.1	Motion and Stability: Forces and Interactions
PS.PS2.5	Motion and Stability: Forces and Interactions
PS.PS3.3	Energy
PH.PS2.5	Motion and Stability: Forces and Interactions
PH.PS3.3	Energy
Breakout - Groundwater	
6.ESS2.2	Earth Systems
6.ESS2.4	Earth Systems
7.LS2.5	Ecosystems: Interactions, Energy, and Dynamics
7.ESS3.3	Earth and Human Activity
7.ESS3.4	Earth and Human Activity
ES.ESS2.2	Earth Systems
ES.ESS2.5	Earth Systems

Breakout – Groundwater (continued)

ES.ESS3.1	Earth and Human Activities
EN.LS2.7	Ecosystems: Interactions, Energy, and Dynamics
EN.ESS2.2	Earth Systems
EN.ESS2.5	Earth Systems
EN.ESS3.1	Earth and Human Activities
EN.ESS3.4	Earth and Human Activities

Teacher's Lounge - Soda and Milk Reactions

7.PS1.1	Matter and Its Interactions
7.PS1.2	Matter and Its Interactions
7.PS1.5	Matter and Its Interactions

Teacher's Lounge - Fertilizer Runoff

7.LS2.4	Ecosystems: Interactions, Energy, and Dynamics
7.ESS3.3	Earth and Human Activity
7.ESS3.4	Earth and Human Activity
EN.ESS2.2	Earth Systems

Teacher's Lounge - Pollinator Garden Seed Paper

Teacher's Lounge - Water Chemistry Testing

7.ESS3.3	Earth and Human Activity
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Teacher's Lounge - Water Desalination/Solar Stills

6.PS1.4	Matter and Its Interactions Waves and Their Applications in Technologies for Information Transfer
6.PS4.2	

Teacher's Lounge - Water Sampling Engineering Challenge

7.ESS3.3	Earth and Human Activity
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