



Annville-Cleona School District

Curriculum Map: Fourth Grade Science

Description: In fourth grade, students practice and apply scientific method and problem-solving skills with an emphasis on making observations, communicating, comparing and organizing objects.

Units of Study	PA Core Standards for Science		
Unit: Water <ul style="list-style-type: none"> ☐ Water Observations ☐ Surface Tension ☐ Water on a Slope ☐ Build a Thermometer ☐ Sinking and Floating Water ☐ Water as Ice ☐ Evaporation ☐ Evaporation Locations ☐ Surface Area ☐ Condensation ☐ Waterworks ☐ Waterwheels ☐ Water from Home 	S3.A.1 S3.A.2.1 S3.A.2.1.1 S3.A.2.1.2 S3.A.2.1.3 S3.A.3.2 S3.C.1 S3.C.1.1 S3.C.1.1.3	S3.C.1.1.4 S3.C.1.1.5 S4.A.1 S4.A.1.3.2 S4.A.1.3.3 S4.A.2 S4.A.2.1 S4.A.2.1.4 S4.A.3	S4.D.1.3 S4.D.1.3.2 S5.D.1.2 S5.D.1.2.1
Units of Study	PA Core Standards for Science		
Unit: Ideas and Inventions <ul style="list-style-type: none"> ☐ Introduce Rubbing Technique ☐ Leaf Rubbing Observations ☐ Introduce Carbon Printing ☐ Making Chromatograms ☐ Mystery Pen ☐ Mirror Images ☐ Seeing around Corners ☐ Mirror Inventions 	S4.A.1 S4.A.1.1 S4.A.1.1.1 S4.A.2 S4.A.2.1.1	S4.A.2.1.4 S4.A.3.3 S4.C.1.1 S4.C.1.1.1	
Units of Study	PA Core Standards for Science		
Unit: Magnetism <ul style="list-style-type: none"> ☐ Investigating Magnets ☐ Investigating More Magnetic Properties ☐ Breaking the Force ☐ Detecting the Force of Magnetism 	S3.A.2.1 S3.C.3 S3.C.3.1 S3.C.3.1.2	S5.C.3.2 S5.C.3.2.1	

Units of Study	PA Core Standards for Science		
Unit: Electric Circuits <ul style="list-style-type: none"> □ Thinking about Electricity and its Properties □ What Electricity Can Do □ A Closer Look at Circuits □ What is Inside a Light Bulb □ Building a Circuit □ Conductors and Insulators □ Making a Filament □ Deciphering a Secret Language □ Series and Parallel Circuits □ Learning about Switches 	S3.A.1 S3.A.2.1 S3.A.2.1.2 S3.A.2.1.3 S3.A.3 S3.A.3.1 S3.A.3.1.1 S3.A.3.2 S3.C.2	S3.C.2.1 S3.C.2.1.1 S3.C.2.1.2 S4.A.1 S4.A.2.1.2 S4.A.2.1.4 S4.A.3 S4.A.3.1 S4.A.3.1.1	S4.A.3.2.2 S4.C.2 S4.C.2.1.3 S5.C.3.2.2
Units of Study	PA Core Standards for Science		
Unit: Landforms <ul style="list-style-type: none"> □ Go with The Flow □ Build A Mountain □ School Yard Models □ Stream Tables 	S3.D.1.3 S3.D.1.3.1 S3.D.1.3.2 S3.D.1.3.3 S4.A.1 S4.A.1.1 S4.A.1.3 S4.A.1.3.2 S4.A.2 S4.A.2.1 S4.A.2.1.3	S4.A.2.1.4 S4.A.3 S4.A.3.1 S4.A.3.2 S4.A.3.2.1 S4.A.3.2.2 S4.A.3.2.3 S4.A.3.3 S4.B.3.2 S4.B.3.2.2 S4.C.3	S4.D.1 S4.D.1.1 S4.D.1.1.1 S4.D.1.1.2 S4.D.1.3.1 S5.D.1 S5.D.1.1 S5.D.1.1.1 S5.D.1.1.2
Units of Study	PA Core Standards for Science		
Unit: Wetlands and Watersheds <ul style="list-style-type: none"> □ Wetlands □ Lentic vs. Lotic □ Watersheds 	S4.A.1.1 S4.A.1.1.2 S4.A.1.3 S4.A.1.3.4 S4.A.1.3.5 S4.A.3.1.2 S4.A.3.1.3 S4.A.3.2.1 S4.B.1.1 S4.B.1.1.2 S4.B.1.1.3	S4.B.1.1.4 S4.B.2.1 S4.B.2.1.1 S4.B.3.1 S4.B.3.1.1 S4.B.3 S4.B.3.2 S4.B.3.2.1 S4.B.3.2.2 S4.B.3.3.1	S4.D.1.3.1 S4.D.1.3.3 S4.D.1.3.4