



Sangari

ACTIVE SCIENCE

WHY ACTIVE SCIENCE IS THE RIGHT CHOICE FOR YOUR SCHOOL

"The Active Science curriculum has truly brought science to life for our students. It moves concepts beyond the limitations of traditional textbooks and actively places them in our students' hands to understand scientific principles in real world ways" — Michael Clough, Superintendent, Sheridan School District

Investigation-Centered Program

- Activity-based, hands-on lessons
- Literacy Focus: reading, writing, talking, and doing science
- Real-life connections foster student engagement
- Student lab manual, notebooks and resource portal

Instructional Design with Teachers in Mind

- Teacher edition utilizing 5E model
- Teacher portal with additional resources
- Video Tutorials: background knowledge and activity set ups
- Embedded assessments and content support

Professional Development

- Hands-on lesson modeling
- Literacy strategies for science
- Taught by award-winning facilitators
- Train-the-trainer option



Grade Band	Unit Titles				
K	Think Like a Scientist	Traits of Living Things	Motion & Energy		Weather & Seasons
1-2	Water & Weather <i>Sun, water cycle, weather</i>	Light, Shadow, Color <i>Light, shadows, reflection, refraction</i>	Needs of Living Things <i>Basic needs, adaptation, habitats, environments</i>		Animals <i>Habitats and environments</i>
	Solids, Liquids, Gases <i>States of matter, phase changes</i>	Life of Plants <i>Parts, growth, reproduction</i>	Earth Systems <i>Atmosphere, hydrosphere, lithosphere, plate tectonics</i>		
2-3	Solids, Liquids, Gases <i>States of matter, phase changes</i>	Life of Plants <i>Parts, growth, reproduction</i>	Earth Systems <i>Atmosphere, hydrosphere, lithosphere, plate tectonics</i>		
	Soil <i>Types, formation, weathering, erosion</i>	Life Cycles <i>Conditions that affect survival</i>	Transformation of Matter <i>Physical and chemical changes</i>	Earth, Sun & Moon <i>Structure, size, movement, tides, eclipses, seasons</i>	
3-4	Soil <i>Types, formation, weathering, erosion</i>	Life Cycles <i>Conditions that affect survival</i>	Transformation of Matter <i>Physical and chemical changes</i>		Earth, Sun & Moon <i>Structure, size, movement, tides, eclipses, seasons</i>
	Rocks & Minerals <i>Identify, describe, and compare types</i>	Weather & Climate <i>Water cycle, clouds and weather, sun's role</i>	Engineering of Sound <i>Production, perception, wave properties</i>	Substances <i>Characteristics, mixtures, natural resources</i>	Environment & Life <i>Organisms and environments, natural resources</i>
4-5	Rocks & Minerals <i>Identify, describe, and compare types</i>	Weather & Climate <i>Water cycle, clouds and weather, sun's role</i>	Engineering of Sound <i>Production, perception, wave properties</i>	Substances <i>Characteristics, mixtures, natural resources</i>	Environment & Life <i>Organisms and environments, natural resources</i>
	Electricity <i>Circuits, energy transfer and transformation</i>	Machines & Motion <i>Simple machines, laws of motion, speed and force</i>	Life of Animals <i>Food chains, diversity, habitats and ecosystems</i>		Universe <i>Characteristics and movement of objects</i>