MOHAWK
Local School District
Preparing today's students for tomorrow's challenges

Mohawk Local Schools Grade 4th SCIENCE

Quarter 3 Curriculum Guide

Guiding Principles of the Scientific Inquiry/Learning Cycle:

Evaluate….Engage…Explore…Explain…Extend…Evaluate

Identify ask valid and testable questions
Research books, other resources to gather known information
Plan and Investigate
Use appropriate mathematics, technology tools to gather, interpret data.
Organize, evaluate, interpret observations, measurements, other data
Use evidence, scientific knowledge to develop explanations
Communicate results with graphs charts, tables

Critical Areas of Focus Being Addressed:

- Earth's Surface
- Electricity, Heat, and Matter
- Earth's Living History
- Scientific Inquiry and Application

Content Statements Addressed and Whether they are Knowledge, Reasoning, Performance Skill, or Product: (DOK1) (DOK2) (DOK3) (DOK4)	Underpinning Targets Corresponding with Standards and Whether they are Knowledge, Reasoning, Performance Skill, or Product: "I can…..", "Students Will Be Able To……."
Fossils can be compared to one another and to present day organisms according to their similarities and	The students can explain how fossils are used to learn about organisms that no longer exist. (DOK2)

differences.(DOK2)	The students can compare fossils to other fossils and living organisms to identify similarities and differences. (DOK2) The students can design and carryout an experiment to discover how organisms can leave fossil evidence. (DOK3) The students can infer possible facts about organisms and their environment based on observations of fossils or models of fossils.(DOK3)