

Mansfield Independent School District
Grade: 4
Unit: Scientific Process

Instructional Unit: Scientific Process		
TEKS	TAKS Objective	Concept/Skill Taught
4.2 4.3 A-C 4.3DE 4.4A 4.4B	1	<p><u>Scientific Process:</u></p> <ul style="list-style-type: none"> • Plan and implement investigations using the process • Organize and record data • Make observations, predict • Hypothesize • Describe variables • Analyze results • Share information • Use models <ul style="list-style-type: none"> ○ Impact of research ○ History of science ○ Contributions of scientists • Equipment <ul style="list-style-type: none"> ○ Calculators ○ Safety goggles ○ Microscopes ○ Cameras ○ Sound recorders ○ Computers ○ Hand lenses ○ Rulers ○ Thermometers ○ Timing devises ○ Balances ○ Compasses <p>Understand repeated investigations increase reliability</p>

Language of Instruction				
Observe	Hypothesis	Experiment	Analyze	Predict
Investigable	Variable	Control	Data	
Meter stick				

Important Resources		
Text Book pg. R2	www.school.discovery.com/Science/scifair	
	www.sciserv.org/isef/primer/scientific_method	