

Index of *Fables & Science* Lessons

Lesson #	Fables Main Point	Science Topic
<p><u>#20</u> The Test of a Real Scientist (Head Thought & Heart Thought)</p>	Head vs Heart Thought , Left vs Right Brain	Scientific Observation vs Analysis
<p><u>#19</u> Wonderful Water! (Your Scientific Lens)</p>	Using the lens of wonder	Some properties of water
<p><u>#18</u> Are Trees Joking? (I Want My Levity!)</p>	The possibility of levity	The physics of gravity, the biochemistry of trees
<p><u>#17</u> We are Carbon-Based Life Forms (Photosynthesis)</p>	Symbiotic relationships among carbon-based life on earth	Organic biochemistry of carbon, hydrogen, and oxygen in Photosynthesis
<p><u>#16</u> The Scientist-Artist (Innovations in Technology)</p>	If our technology could imitate nature better, we may find ourselves transcending our current abilities	Innovations in technology can make life truly better
<p><u>#15</u> Trees, Rocks & Bones (The Lime Cycle)</p>	Perhaps the earth is actually a large, living being	Iron, magnesium, calcium, potassium, and sodium in nature's cycles
<p><u>#14</u> What is Matter? (Tree Chemistry)</p>	If very small amounts of some chemicals cause large changes in nature, perhaps the presence of some things matters more than we think	The very small amounts of iron and other minerals that affect the health of trees

<p>#13 The Woods are on Fire! (Carbon versus Metals)</p>	<p>Step back to see whole pictures to come up with better perspectives on how nature works</p>	<p>Organic matter oxidizes back to air while metals oxidize to become rock</p>
<p>#12 Lions and Tigers and Bears - Oh My! (Naming and Categorizing Breads)</p>	<p>How names, categories, and labels are necessary in science; but can affect you adversely</p>	<p>Seeing an overview of all kinds of bread from the perspective of the organic categories of ingredients</p>
<p>#11 How to Make Your Own "Fables & Science" Lesson (Carbon Dioxide 5 Ways)</p>	<p>Using your heart - as in a fable - can offset a head-view of the world</p>	<p>Properties of carbon dioxide</p>
<p>#10 Did that Iron Just Say Something? (Galileo)</p>	<p>Perhaps consciousness is ready to be studied by mainstream science</p>	<p>Galileo and the attempt to bring in new ideas using the Scientific Method</p>
<p>#9 Falling and Getting Back Up (What is Gravity)</p>	<p>Our human view of falling affects our conception of gravity</p>	<p>Gravity as seen as a force or as Einstein's geometry of curved space</p>
<p>#8 Why Can't Wishes Be Scientific? (Fire)</p>	<p>Why are human intention, desire, and wishes associated with flame and fire</p>	<p>The biology, chemistry, and physics of flame and fire</p>
<p>#7 Science Teachers Quiz (8 Psychological Implications of Science)</p>	<p>Questioning how much seemingly objective conclusions of science are psychologically biased by our times</p>	<p>Examining the Nature of Science</p>
<p>#6 The "World Gym" Theory (Quantum Science)</p>	<p>The conjecture that we come from a spiritual to physical existence</p>	<p>Quantum Science's entanglement teaches us to 'learn to learn'</p>

<p>#5 Quantum Computing is Cool (Dry Ice)</p>	<p>Perhaps quantum entanglement points at the ancient supposition that we are all connected - to oneness</p>	<p>Quantum computers and the quantum properties of entanglement and the observer effect</p>
<p>#4 You Are Your Own Best Teacher (Wonder and Critical Thinking)</p>	<p>Challenging science teaching to allow students to simply stay in a state of wonder sometimes, without necessarily making analytical conclusions</p>	<p>Science teaching could help students teach themselves by sharpening observation</p>
<p>#3 Interrogation and Observation (3 Bowls)</p>	<p>Learning to honor human abilities to observe before analyzing</p>	<p>A classic experiment that propagates a bias of seeing humans as machines</p>
<p>#2 Becoming a Great Observer (Sparkling Candle)</p>	<p>Suspending intellectual analysis can cause more intense observation</p>	<p>Teaching the Scientific Method can accidentally cause students to jump to conclusions</p>
<p>#1 Could Aristotle's Four Elements Be Alive? (Hot & Cold)</p>	<p>Perhaps elements of the physical world that are considered inanimate in modern times are actually alive</p>	<p>Heat causes expansion which cause a decrease in density and weight</p>

