

“Elements Magazine” Lesson Plan – Day 1

Heading	Class: Intro to Chemistry Your Name: Kim Rankin Name of Lesson: Elements Magazine Time Frame: Week 1, Day 1
Objective	Introduce “Elements Magazine” project, discuss format of entries, research opportunities, and expectations.
Reading Material	Texts used for duration of study: Nature’s Building Blocks: An A-Z Guide to the Elements by John Emsley The Elements: A Visual Exploration of Every Known Atom in the Universe by Theodore Gray
Materials & Resources	Teacher – Copied/ Enlarged photos from The Elements: A Visual Exploration of Every Known Atom in the Universe ; “This Old House” Magazines
Part One	Conduct “What’s in a Picture?” writing strategy: <ol style="list-style-type: none"> Teacher shows students the enlarged photos. Using notebook paper folded in quarters, students answers the following questions in each quadrant: <ul style="list-style-type: none"> Briefly describe the image. What does it remind you of? Speculate what the image is. How might that item be connected to the lesson?
Part Two	<ol style="list-style-type: none"> Discuss the importance of photos in understanding new things, for example in cooking, auto repairs, etc. Discuss the role magazines have in our learning. Show “This Old House Magazine” as example of using both photos and writing to learn new information Introduce “Element Magazine” as a way to: <ul style="list-style-type: none"> Learn about each element. Share our knowledge with each other and those outside our family. Practice writing in the sciences.
Part Three	<ol style="list-style-type: none"> Allow students to find the photo they wrote about in the book: The Elements: A Visual Exploration of Every Known Atom in the Universe. Discuss how close they were to the object when they did their “What’s in a Picture?” writing exercise. Discuss details of “Element Magazine.” Allow students to select the first element they want to research. Pass out Student Handout.
Homework Assignment	Begin research on first element.