

## *How pure do we need our drinking water?*

### Chemistry in the Community- 2016-17

#### Water Unit Part 1

Date	In-Class Assignment	Homework
W 3/22	Begin Watch <i>The Last Oasis</i>	None
R 3/23	Watch <i>The Last Oasis</i> (~20 min) Finish <i>The Last Oasis</i> Discuss Movie Read Riverwood Articles textbook p. 390-392?	None
F 3/24 <b>11:30 Dismissal</b>	Read Riverwood Articles textbook p. 390-392? Discuss A.1 and ChemQuandry #1 pkt p 7, textbook p 394 How much water does your family use? Pkt p 12	Have A Great Spring Break!
M 4/3	Read/Discuss "The Oil of the 21 <sup>st</sup> Century" pkt p 8-10 Discuss A.7 and A.9 Water Supply and Where is the World's Water pkt p 13 A.4 Properties of water <b>Demos</b> Introduce Foul Water Lab, pkt p. 14-16	Read A.7 p. 404-406 and A.9 p. 409-410 and fill in pkt p 13 <b>Closed toe shoes for Monday!</b>
T 4/4	<b>Lab:</b> Foul Water pkt p. 14-16	Finish Foul Water Lab, pkt p 14-16
W 4/5 <b>2:00 pm Dismissal</b>	Collect / Discuss Lab <b>Post Lab</b> A.2 - Distillation and Conductivity pkt p 17-18 Watch Story of Stuff: Water Bottles <a href="http://www.storyofstuff.org/movies-all/story-of-bottled-water/">http://www.storyofstuff.org/movies-all/story-of-bottled-water/</a>	Read D.6 textbook p 487 and fill in pkt p 19 Answer Questions #18-19 textbook p 496 on bottom of pkt p 19
R 4/6	Read Section D.3-D.4. p. 482-485 in textbook with your partner, compare/contrast foul water lab and municipal water purification. Go over D.3, D.4, questions	Use your textbook as a reference to review over chemistry vocabulary from pkt p 20. Use A.5 textbook p. 402 for help on new vocabulary.
F 4/7	Discuss Chemistry Vocabulary Revisit Matter Pyramid Elements, Compounds, and Mixtures Lab pkt p 22-24 Visit 3 stations and draw pictures of contents before classifying. Think-Pair Share remaining stations of Lab	Finish pkt p 22-24
M 4/10	Post-lab Elem, Comp, and Mixtures pkt p. 26-27 Discuss Post-Lab Elem, Comp, Mixtures Intro Water Testing Lab	Section Summary Questions Section A p. 412 #3, 5, 11, 12, 13, 14, 15, Section D p. 495 # 1, 2, 3, 4, 7, 10, 18, 19 <b>STUDY FOR TEST!</b>
T 4/11	Complete Water Testing Lab Questions pkt p 28-29 Discuss Water Testing Lab	Work on Section Summary Questions Section A p. 412 #3, 5, 11, 12, 13, 14, 15, Section D p. 495 # 1, 2, 3, 4, 7, 10, 18, 19
W 4/12	<b>Test!</b>	