

Westside High School Lesson Plan

Teacher Name:	Reynaldo Leija	Unit Name and #:	Solutions
Course:	Chemistry I	Dates:	04/27/20 – 05/01/20

- ❖ We will be able to describe the unique role of water in solutions in terms of polarity.
- ❖ We will be able to calculate the concentration of solutions in terms of molarity.
- ❖ We will be able to calculate the dilutions of solutions using molarity.
- ❖ We will be able to distinguish among type of solutions such as electrolytes and non-electrolytes; unsaturated, saturated and supersaturated solutions; and strong and weak acids and bases.
- ❖ We will be able to investigate factors that influence solid and has solubilities and rate of dissolution such as temperature, agitation and surface area.
- ❖ We will be able to define acids and bases and distinguish between Arrhenius and Bronsted-Lowry definitions and predict products of acid-bases reactions to form water.
- ❖ We will be able to define pH and calculate the pH of a solution using the hydrogen concentration.
- ❖ TEKS C.10(A), C.10(C), C.10(D), C.10(E) and C.10(F)

Agenda:

1) Solubility Curve Lesson and Online assignment

Assignment: GA (OL): Solubility Curve

1) 3rd & 5th period: due Thursday, April 30, 2020

2) 2nd & 4th period: due Monday, May 4, 2020