

## Westside High School Lesson Plan

Teacher Name:	Reynaldo Leija	Unit Name and #:	Solutions
Course:	Chemistry I	Dates:	05/04/20 – 05/08/20

- ❖ 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) Quiz: Solubility Curve

### Assignment: Quiz on Solubility Curve

- 1) 3<sup>rd</sup> & 5<sup>th</sup> period: on Monday, May 4, 2020; @ 11:00 a.m. for 3<sup>rd</sup> period and @ 1:00 p.m. for 5<sup>th</sup> period
- 2) 2<sup>nd</sup> & 4<sup>th</sup> period: on Wednesday, May 6, 2020; @ 9:30 a.m. for 2<sup>nd</sup> period and @ 11:00 a.m. for 4<sup>th</sup> period