

BIOLOGY BASICS UNIT 1- LESSON PLANS

Topic	Biology Basics
Lesson Title	Measurement and Lab Equipment Basics
Lesson Number	1 -1a
Learning objectives:	<ul style="list-style-type: none"> • Use the correct metric units for length, mass, volume, and temperature in biology. • Convert between quantities of the metric system.
“I can” statement:	<ul style="list-style-type: none"> • I can understand the use of metric system in biology and identify the various equipments used in a common biology laboratory and the use of these equipments.
Prior Knowledge:	
<ul style="list-style-type: none"> • Measuring physical quantities such as mass, volume, temperature, time and length 	
Vocabulary:	
Celsius, Fundamental quantities, Kilogram, Length, Liter, Mass, Meter, Second, Time , Temperature, U.S Customary Units, Volume	
Summary of Activities:	
<ol style="list-style-type: none"> 1. Distribute and complete bell ringer activity. <i>Please note: as this is the first lesson in the topic this activity is aimed to access prior/background knowledge students may already possess.</i> 2. Discuss guided notes and slideshow, with students. 3. Vocabulary worksheet, 4. Exit quiz 	
Additional Resources:	
<ul style="list-style-type: none"> • See online activities 	
Homework:	
Homework task	
Assessment:	
<ul style="list-style-type: none"> • Bell work • Assignment • Exit quiz • End of unit review 	