Name:	Date:	Period:
Chemistry of Life		Week #

We have already discussed that matter is anything that takes up space and has mass. Everything is also composed of matter, from rocks, to living things, to air. In this unit, we will discuss the matter and the interactions of matter that allow for life, starting with the smallest parts of matter.

Direction: Use the given pages to answer each question.

Question	Description, definition, or example
What is an atom? (p. 34)	
What is an element? (p. 35)	
Give 3 examples of elements	
What is a compound? (p. 36)	BRONCOS
How many atoms make up water and what are they?	A
What is a polar molecule? (p. 40)	HIGH SCHOOL
Why do polar molecules like water attract each other? (p. 41)	
What is a hydrogen bond? (p. 41)	
What is a solution? (p. 42)	
What is a solute? (p. 42)	
What is a solvent? (p. 42)	

Name:									Date:													Period:			
Water Dem																									
	es up the ma l compound arth.		-						-	-													-		
Materials - 1 pe - 2 dro	nny oppers					Cu Cu					vat	er					-	Pa	aper	to	wels				
<ul><li>2. Reco</li><li>3. Repo</li></ul>	ng a dropper ord the num eat steps 1 – eat steps 1 –	ber of 2	of dro	ops ore	for tim	thates.			enn	y o	ne	at a	tin	ne,	un	til a	iny	Wa	ater	spi	lls ov	er the e	edge.		
	Condition	n		Tri	al 1		4	Trial 2						Trial 3					A	ver					
	Water	4			14											= 4									
	Soapy Wa	ter		1	1								9	_						~					
Directions:	Create a gr	aph l	base	d or	n th	e aı	verd	age	nu	mb	er	of c	droj	ps c	of v	vate	er a	ınd	soc	іру	wate	r.			
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Analysis Qu 1. How ma	uestions any more dro	ops o	of wa	nter	on	ave:	rag	e w	/ere	e yo	ou a	able	e to	fit	on	the	e pe	enn	y th	an	soapy	/ water?	·		
•	ere you able or polarity) a				-						-		ny t	har	th	e so	оар	y v	wate	er?	Use	the term	ıs		