

Lesson	Topic	#	Activities	Text ref	Homework
1	Review: <ul style="list-style-type: none"> safety equipment atomic structure 	1 2 3 4	<ul style="list-style-type: none"> wksht - safety symbols / equipment handout - safety rules wksht - 5.1 wksht - concept map 	658 - 660 172 - 175	<ul style="list-style-type: none"> complete concept map questions 1 - 8 on page 175
2	Review: <ul style="list-style-type: none"> chemical and physical change formal lab write-up 	5 6 7	<ul style="list-style-type: none"> note - chemical and physical change handout - writing a formal lab report Lab - chemical / physical change 		<ul style="list-style-type: none"> Lab write-up Due: _____
3	Review: <ul style="list-style-type: none"> Atomic structure 	8 9 10 11 12 13	<ul style="list-style-type: none"> wksht - 5.5 wksht - Isotopes wksht - Bohr diagrams / Lewis wksht - electron configurations wksht - ions and ionic charge video/wksht - Atoms and Their Electrons 	184 - 187	<ul style="list-style-type: none"> review atomic structure questions 1 - 8 page 187 study for quiz assignment - Chemicals at Work Due: _____
4		14 15	<ul style="list-style-type: none"> small group project - Patterns in the Periodic Table assignment - Chemicals at Work 		
5	Periodic Table trends: <ul style="list-style-type: none"> atomic radius ionization energy 	16 17 18	<ul style="list-style-type: none"> quiz #1 handout - Trends wksht - review: trends 		<ul style="list-style-type: none"> review trends complete crossword
6	<ul style="list-style-type: none"> electron affinity electronegativity reactivity 	19 20	<ul style="list-style-type: none"> crossword - review Lab - Properties of Elements 		
7	Ionic compounds: <ul style="list-style-type: none"> ionic bonding 	21 22	<ul style="list-style-type: none"> notes /wksht - ionic bonding wksht - 5.6 / 5.8 		<ul style="list-style-type: none"> questions 1 - 10 on page 195
8	<ul style="list-style-type: none"> ionic compounds → names and formulas 	23 24	<ul style="list-style-type: none"> wkshts - naming and formulas note - binary acids 	188 - 195	<ul style="list-style-type: none"> study for quiz complete wkshts on names and formulas
9	<ul style="list-style-type: none"> polyatomic compounds → names and formulas 	25 26 27	<ul style="list-style-type: none"> quiz #2 handout - 5.9 polyatomic compounds handout - polyatomic ions 	196 - 198	<ul style="list-style-type: none"> Study for quiz
10		28 29	<ul style="list-style-type: none"> wkshts - naming and formulas Lab - Testing for Ions Small groups - practice naming 		
11	Molecular compounds: <ul style="list-style-type: none"> covalent bonding 	30 31	<ul style="list-style-type: none"> quiz #3 handout - bonding 	201 - 204	<ul style="list-style-type: none"> complete wkshts on names and formulas
12	<ul style="list-style-type: none"> molecular compounds → names and formulas building models 	32 33 34 35	<ul style="list-style-type: none"> wksht - 5.11 wkshts - names and formulas wkshts - review nomenclature (small groups) activity - Comparing ionic and molecular compounds 		<ul style="list-style-type: none"> study for test questions 1 -11, 13, 15 on pages 214 - 215
13	Review		Small groups for chapter review		<ul style="list-style-type: none"> study for test
14	Chapter 5 test	36	TEST		

15	Chemical equations: ▪ word equations	37	▪ whsht - 6.1	216 - 219	▪ questions 2 - 4 on page 219
16	▪ counting atoms	38	▪ whsht - How to count atoms	220 - 225	▪ complete balancing wkshts
	▪ Law of conservation of mass	39	▪ Lab - Measuring mass	226 - 229	▪ study for quiz
17	▪ balancing chemical equations	40	▪ handout - Rules for balancing chemical equations		
		41	▪ whshts - practice balancing		
			▪ Small groups - practice balancing		
18	Types of reactions: ▪ synthesis	42	▪ quiz # 4	233 - 245	▪ review notes
	▪ decomposition	43	▪ note - types of reactions	230 - 232	▪ complete wkshts
19	▪ single / double displacement	44	▪ handout - combustion		▪ complete lab
		45	▪ wkshts - practice identifying types		▪ crossword
	▪ combustion	46	▪ Lab - Types of Reactions		
20	▪ exothermic / endothermic	47	▪ Small groups - more practice with reaction types and balancing		
		48	▪ crossword - types of reactions		
21	Rate of reactions: ▪ collision theory	49	▪ handout - Factors that Affect Rates	256 - 264	▪ read pages 256-264 & 268 - 269
	▪ factors - temp / surface area / concentration / catalysts	50	▪ lab demos - 7.1 / 7.2 / 7.5		▪ lab questions
22		51	▪ activity - exercise: rates of reactions	276 - 277	▪ complete assign.
		52	▪ Lab - Blast Off	265 - 280	▪ chapter review questions page 286 # 1 - 11
23	▪ reactions around us	53	▪ assignment - Independent readings 7.4 / 7.6 / 7.10		
		54	▪ review		
24	Chapter 6 & 7 test	55	TEST		
25	Acids and Bases: ▪ properties	56	▪ wksht - 8.2 Properties	293 - 295	▪ complete wksht
	▪ indicators	57	▪ Lab - Properties of acids and bases		▪ lab questions
26	▪ pH / pH scale	58	▪ handout - Different kinds of acids	296 - 299	▪ questions # 1- 7 and # 10 - 12 page 299
	▪ common acids and bases	59	▪ note - pH / pH scale		▪ case study
27		60	▪ Lab - Identifying unknowns	305 - 307	▪ review notes
		61	▪ wksht - Making acids and bases	308 - 311	
		62	▪ case study - 8.7		
28	Neutralization	63	▪ notes - 8:10	317 - 319	▪ questions # 1-9
		64	▪ Lab - neutralization		▪ complete lab
29	Review	65	▪ crosswords		▪ Study for unit test
		66	▪ handout - Unit review		
			▪ Small group review		
30	Unit test	67	▪ TEST		

CHEMISTRY UNIT → EVALUATIONS

TYPE	NAME	WEIGHTINGS			
		K/U	T/I	COMM	APP
LABS	Physical / Chemical Change		2	2	
	Testing for Ions		2		
	Types of Reactions			2	
	Blast Off		1	1	
QUIZZES	# 1 (nomenclature)	1		1	
	# 2 (nomenclature)	1		1	
	# 3 (balancing)		1		
	Chapter 7	1			
QUESTS	Atomic structure	2	2		
	Chapter 6	2	2		
TESTS	Chapter 5	3	3	3	3
	Unit test	5	5	5	5
ASSIGNMENTS	Nomenclature Cards			3	