

Periodic Table: <http://bit.ly/2bDoDQB> (you may want to print this or just have it open on another tab)

Chemistry Properties of Matter			
Topic	Video	Simulation	Online Quiz
Atomic Structure	Nuclear Model GCSE. (4:19) Determining # of Valence Electrons (2:41)	Atomic Structure Basics Annenberg Learner PhET. Build an Atom.	Valence Electrons Science Geek.
Physical and Chemical Properties	Physical and Chemical Properties (2:28) Acids, Bases, and pH (5:47)	Separating Mixtures. Separating Mixtures (BBC).	Physical vs Chemical Changes. Separating Mixtures (BBC)
Period Trends	Valence electrons and trends in the Periodic Table (7:52)		Periodic Trends
Radioactivity	Definition of Radioactivity (4:57)		
Electromagnetic Spectrum	Definition of Electromagnetic Spectrum. NASA (5:03) Emission and Absorption Spectra: Bozeman Science (5:17) Identification of Astronomical Elements: BBC (4:16)	Electromagnetic Spectrum (BBC)	Electromagnetic Spectrum
Gas Laws	Properties of Gases. Teacher's Pet (1:35)	PhET Gas Property Simulation (Requires JAVA) PhET. States of Matter Simulation	

Chemistry Chemical Reactions

Topic	Online Videos	Online Simulations	Online Quizzes
Ionic and Covalent Bonds	Ionic and Covalent Bonds (and Octet Rule). Bozeman Science (8:56)	Ionic bonding interactive Annenberg Learner	
Chemical Reactions	5 main types of chemical reactions (3:08)		Classifying types of chemical reactions
Balancing Chemical Equations	Balancing Equations (3:25)	PhET. Balancing Chemical Equations	Balancing Chemical Equations
Endothermic and Exothermic Reactions			Exothermic and Endothermic Reactions

Ready to take the SBA prep Chemistry quiz?

- Do your best.
- Be sure to answer the constructed response questions.
- When you are finished, be sure to check your answers to see which areas you need to study more.
- Be sure to let your teacher know that you took it so they can give you some feedback.
- Here is the link:

Chemistry	http://bit.ly/2lfOAlz	
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