

Student Checklist for 7th Grade **Science** Assignments (Distance Learning)

MODIFIED

March 16, 2020 - June 12, 2020

TOPIC #1: Thermal Energy in Chemical Reactions (5 Assignments Total)

March 16 - March 24

- ☐ Accessing Prior Knowledge: Energy in Chemical Reactions
- ☐ Hook: Hot & Cold Science
- ☐ PhET: Reactants, Products, and Leftovers
- ☐ Concept Review Game
- ☐ Reading A/B/C Exothermic & Endothermic Reactions (do whichever ONE I assigned individually)

TOPIC #2: COVID-19 (7 Assignments Total)

March 23 - April 17

- ☐ Padlet #1 "How is the COVID-19 virus affecting you and your family?"
- ☐ Padlet #2 "What is COVID-19? What can you do to not get infected?"
- ☐ Padlet #3 "How did the COVID-19 virus start?"
- ☒ ~~Padlet #4 "What does the evidence from the bread experiment tell us about how Covid-19 spreads?"~~
(Padlet #4 deleted by Mr. Le, therefore not counted in final course grade)
- ☐ Padlet #5 "Based on your simulation and observations, what variables/factors caused the pandemic to spread?"
- ☐ Padlet #6 Graph Interpretation (do LEVEL 1)
- ☐ COVID-19 Final Project (Choice Board)

TOPIC #3: CHEMICAL REACTIONS II (9 Assignments Total)

April 20 - May 15

- ☐ Physical and Chemical Changes (BrainPOP)
- ☐ Property Changes (BrainPOP)
- ☐ Padlet: Physical or Chemical Change?
- ☐ Quizziz: Baking Demo
- ☐ Atoms (BrainPOP)
- ☐ Solubility (Actively Learn)
- ☐ Saturation At-Home Lab (Salt & Sugar) w/Flipgrid Reflection
- ☐ Forming a Precipitate (Edpuzzle)
- ☐ Assessment - Chemistry Choice Board

TOPIC #4: FOOD WEBS & ECOSYSTEMS (6 Assignments Total)

May 18 - June 11

- ☐ Why Do Bats Carry So Many Diseases? (Edpuzzle)
- ☐ Photo Ark Inquiry Assignment (Google Doc)
- ☐ Food Webs and Energy Pyramids (Edpuzzle)
- ☐ Nature Diary #3 (Google Form)
- ☐ Biomes - Virtual Field Trip (Quizizz)
- ☐ Assessment - Ecology Choice Board