

Pro-Vision Academy Charter School
Biology Chemistry Distance Learning Plan

Biology Chemistry Distance Learning Plan
Week of April 27- May 1, 2020

Biology Activities
(Suggested: 45 minutes of off-line activities)

TEKS B.1©

Monday

Students will identify the complex interactions in ecosystems maintain relatively consistent numbers and types of organisms in stable conditions, but changing conditions may result in a new ecosystem.

<https://local-brookings.k12.sd.us/biology/ch3biosphere/biosphere312.ppt>

Virtual lab

<http://www.sheppardsoftware.com/content/animals/kidscorner/games/foodchaingame.htm>

<https://youtu.be/RxJw92TPOds>

Tuesday

Wednesday

Thursday

Complete worksheets on the nitrogen cycle.

https://youtu.be/_TxNg8LRzPE

Friday

<https://local-brookings.k12.sd.us/biology/ch3biosphere/biosphere4233.ppt>

(in your notebook)

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Chemistry Activities
(Suggested: 45 mites of off-line activities)

C.10 A C10E

Monday

5.1 DALTON MODEL OF THE ATOM

- *To describe the early practice of chemistry.*
- *To describe the Dalton model of the atom*

Tuesday

5.2 THOMSON MODEL OF THE ATOM

- *To describe the early practice of chemistry.*
- *To describe the Thomson plum-pudding model of the atom.*
- *To state the relative charge and mass of the electron and proton.*

Wednesday

5.3 RUTHERFORD MODEL OF THE ATOM

- *To describe the early practice of chemistry.*
- *To describe the Rutherford nuclear model of the atom.*
- *To state the relative charge and approximate mass of an electron, proton, and neutron.*

Thursday

5.4 ATOMIC NOTATION

- *To describe the early practice of chemistry.*
- *To draw a diagram of an atom, given its atomic notation.*
- *To explain and illustrate the concept of isotopes.*

Friday

5.5 ATOMIC MASS

- *To describe the early practice of chemistry.*
- *To explain the concept of relative atomic mass.*
- *To calculate the atomic mass of an element, given the mass and abundance of the naturally occurring isotopes.*

<http://www.teachnlearnchem.com/Atom/Word/3vocabatomstr.docx>

http://www.teachnlearnchem.com/Atom/Word/3at&mass_no.docx<http://www.teachnlearnchem.com/Atom/Word/3ionsubatom.docx>

<http://www.teachnlearnchem.com/Atom/Word/3histatomws.docx>