

UNIT 2-- The History of Earth's Atmosphere

LESSON PLAN Ref:	LESSON 7	Course Ref:	History of Earth's Atmosphere
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Subject / Course:	THE LIVING EARTH		
Topic:	The Cambrian Explosion		
Lesson Title:	The Cambrian Explosion-- Lesson 7		
Level:	Medium	Lesson Duration:	75 mins

Lesson Objectives:

LS1-6: Construct and revise an explanation based on evidence for how carbon, hydrogen, and oxygen from sugar molecules may combine with other elements to form amino acids and/or other large carbon-based molecules.

HS.LS.DCI.1 Systems of specialized cells within organisms help them perform the essential functions of life.

Targets:

I can identify the major elements that comprised the early atmosphere

I can explain how major elements were bonded in order to make more complex molecules

I can explain where simple organic life originated

I can identify and explain the two main types of cells

Summary of Tasks / Actions:

Introduction to Class (10 mins): Zoom norms, objectives, standard review, plan for the day

Review: Introduction to cells video (5 mins)

Review: cell project (5 mins)

Set up group breakout rooms (5 mins)

Cell project work time (30 mins)

Cell project reflection (10 mins)

Wrap-up, submit and review progress (10 mins)

Materials / Equipment:

Access to Google Classroom, Google Suite apps and Zoom

References:

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Slides and Assignments are available on [Figgins' class website](#)

Take Home Tasks:

Home-practice is given only if in-class work is not completed