

## Part 3 – Photosynthesis and oxygen

Watch the video (16<sup>th</sup> ->21<sup>st</sup> min) and answer the questions below.

- 1) Where and how oxygen was first synthesized?
- 2) Write the balanced photosynthesis equation.
- 3) What are the most important “ingredients” for life on Earth?
- 4) Why did iron change into rust?
- 5) What makes the Earth’s crust moving?
- 6) What were the temperature and the duration of the day 1.1 billions years ago, when the first continent “Rodinia” formed?

### Key words and scientific knowledge:

Glucose :  $C_6H_{12}O_6$   
Balanced (equation) : équilibrée  
Iron  
Rust  
By-product  
Core  
Crust

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