

# Introduction to Biology





**Objectives:** 1. Define biology. 2. Identify possible benefits from studying biology. 3. Summarize the characteristics of living things.

*The earth is the Lords' and everything in it. The world and all its people belong to Him.*  
**Psalm 24:1**

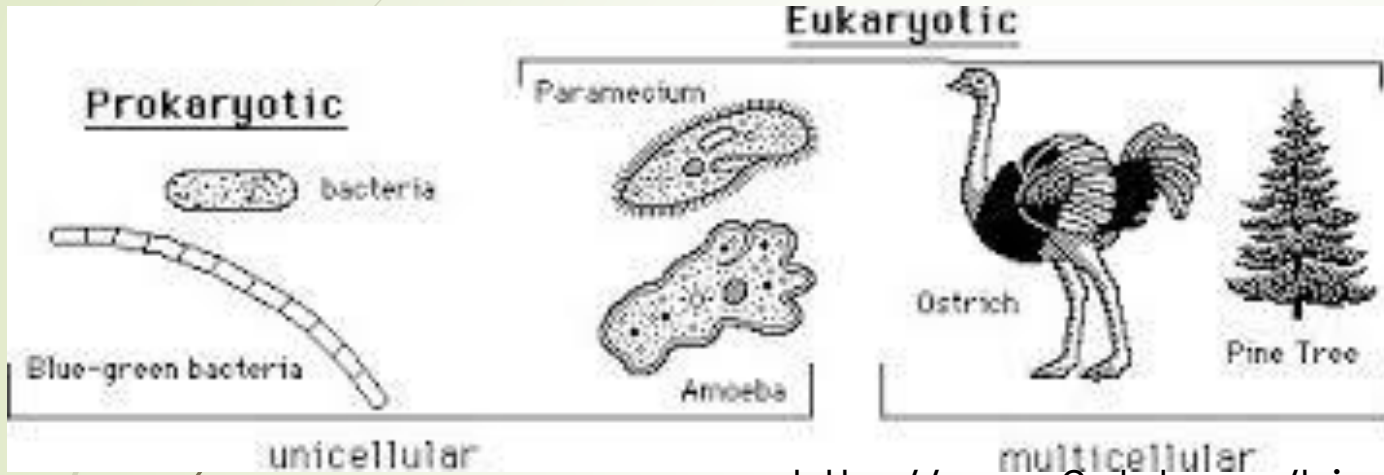


■ The study of life

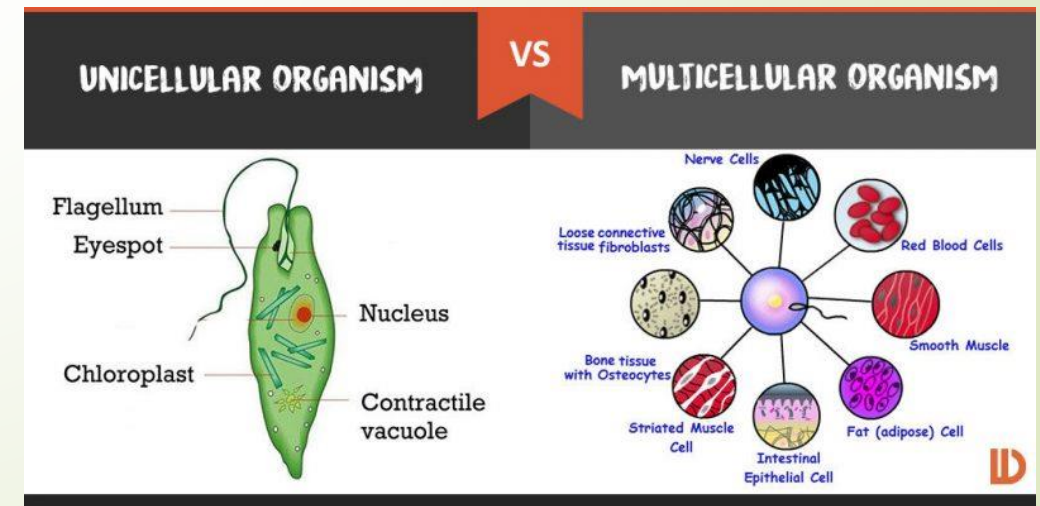
■ Understanding living things and how they interact with their environment

- 
- 
- To understand more about God, our Creator
  - To gain a greater understanding of the diversity of life
  - To be able to research diseases, their causes and their cures
  - To develop new technologies
  - To help to preserve the environment

# 1. All living things are made of one or more cells

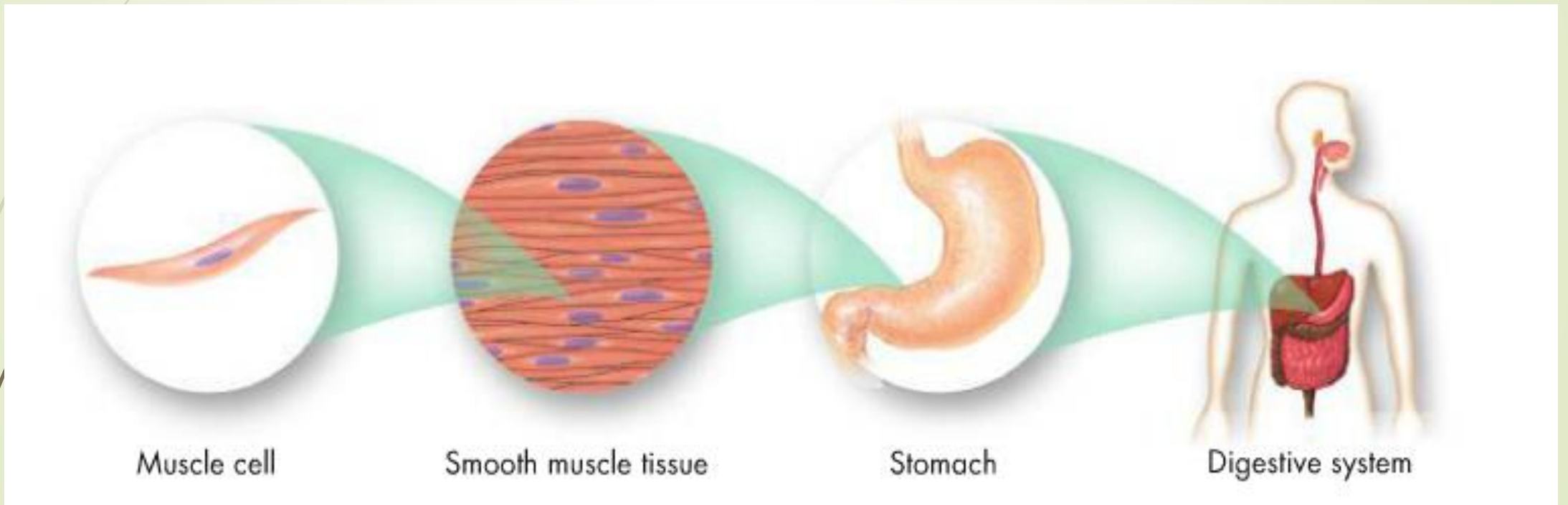


<http://www2.sluh.org/bioweb/bi100/tutorials/thecell.htm>



<https://www.difference.wiki/unicellular-organism-vs-multicellular-organism/>

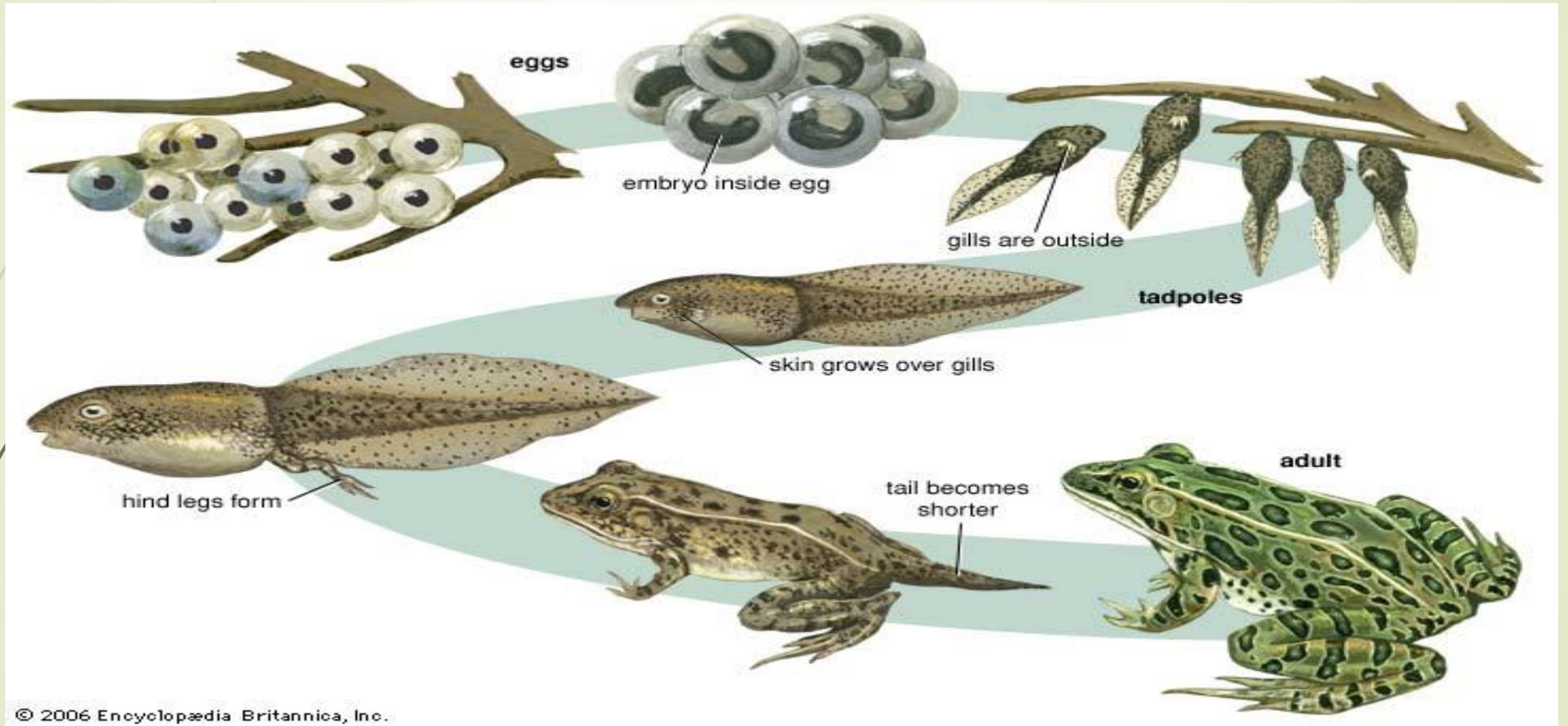
## 2. Display organization



[http://sullivan1990.blogspot.my/2015\\_10\\_01\\_archive.html](http://sullivan1990.blogspot.my/2015_10_01_archive.html)



### ➡ 3. Grows and develops





## ➡ 4. Reproduces



<https://uldissprogis.com/2014/12/16/sharing-41-inspiring-young-wild-animals-and-wild-animals-with-young/>

## ➔ 5. Responds to stimuli



<http://mrbrownthumb.blogspot.my/2010/08/venus-flytrap-catches-fly.html>

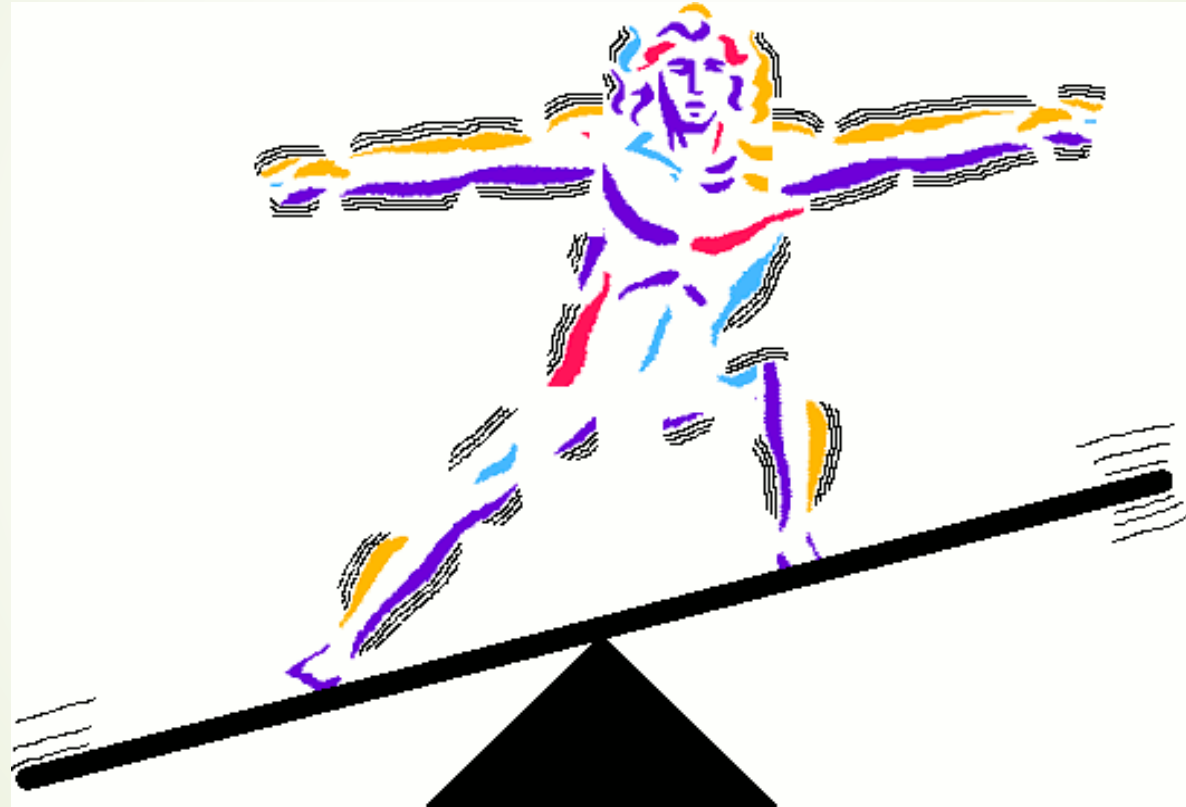


## ➔ 6. Requires energy



<http://www.greengarden.com/all-about-food/the-creator-s-view-of-food>

## ➡ 7. Maintains homeostasis




<http://rheumatoidarthritisbio2.weebly.com/homeostasis--balance.html>

## ➡ 8. Adaptations that evolve over time



<http://www.ranker.com/list/animals-with-the-most-unique-traits/ranker-science>





Biological terms are often derived from Latin words

➡ *Can you infer the meanings of words from their prefixes, suffixes, or roots?*

➡ *Examples:*

*Biology*

*Adrenal*