## Biology

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## 1 Introduction

Biology is the study of organisms. An organism is a physical object which is the manifestation of a design encoded in itself or other organisms. This includes everything from viruses to humans and leaves room for things which may not exist on the earth should we ever find those things.

## 2 Organization

In biology organisms are classified using a taxonomic system.

- $\bullet$  domain
- kingdom
- phylum
- class
- order
- $\bullet$  family
- genus
- species

## Reference

However, it's not this simple as there are more branches needed to describe all of life that just this organizational structure, that's why we have a concepts of Clade.

The highest level, Domain consists of three categories:

- Archaea
- Bacteria
- Eukarya