

# Chapter 3 Biology Form 4

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[egg wikipedia](#) Apr 27 2022 web an egg is an organic vessel grown by an animal to carry a possibly fertilized egg cell a zygote and to incubate from it an embryo within the egg until the embryo has become an animal fetus that can survive on its own at which point the animal hatches most arthropods such as insects vertebrates excluding live bearing mammals and mollusks lay eggs

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*prophase ii biology dictionary* Jan 01 2020 web oct 27 2020 as no dna replication takes place in this second step of meiosis the cell division process immediately begins prophase ii prepares the cell for secondary meiotic division where two haploid cells eventually form four haploid cells each containing half of the genetic information previously contained in the original replicated diploid cell a

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[domain biology wikipedia](#) Apr 03 2020 web in biological taxonomy a domain d ə ' m eɪ n or d oʊ ' m eɪ n latin regio also dominion superkingdom realm or empire is the highest taxonomic rank of all organisms taken together it was introduced in the three domain system of taxonomy devised by carl woese otto kandler and mark wheelis in 1990 according to the domain system the

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**order biology wikipedia** Nov 30 2019 web order latin ordo is one of the eight major hierarchical taxonomic ranks in linnaean taxonomy it is classified between family and class in biological classification the order is a taxonomic rank used in the classification of organisms and recognized by the nomenclature codes an immediately higher rank superorder is sometimes added directly above order

*15 3 digestive system processes concepts of biology 1st* Oct 02 2022 web unit 3 molecular biology and biotechnology chapter 9 introduction to molecular biology 9 1 the structure of dna 9 2 dna replication 9 3 transcription the long chain fatty acids and monoglycerides recombine in the absorptive cells to form triglycerides which aggregate into globules and become coated with proteins

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**organism definition and examples biology online dictionary** Jun 05 2020 web jun 15 2022 3 eucarya eukaryotes both archaea and bacteria are prokaryotic organisms while eucarya as the name suggests it includes all the eukaryotes the scientific study of all organisms is called biology biology is a field in science that aims to study the structure function distribution and evolution of living things organism definition

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**5 3 active transport biology 2e openstax** Jan 25 2022 web active transport mechanisms require the cell s energy usually in the form of adenosine triphosphate atp if a substance must move into the cell against its concentration gradient that is if the substance s concentration inside the cell is greater than its concentration in the extracellular fluid and vice versa the cell must use energy to move

*sexual reproduction wikipedia* Oct 29 2019 web sexual reproduction is a type of reproduction that involves a complex life cycle in which a gamete haploid reproductive cells such as a sperm or egg cell with a single set of chromosomes combines with another gamete to produce a zygote that develops into an organism composed of cells with two sets of chromosomes this is typical in animals

*3 biological macromolecules biology libretexts* Oct 22 2021 web 3 1 synthesis of biological macromolecules biological macromolecules are large molecules necessary for life that are built from smaller organic molecules there are four major classes of biological macromolecules carbohydrates lipids proteins and nucleic acids each is an important cell component and performs a wide array of functions