

Lab Correlation Chart for Biology for the Rhetoric Stage

BRS Unit and Week	Home Scientist BK01A Biology Lab Kit	Beyond Labz (Biology Online Labs)
Unit 1: Cell Structure, Function, and Reproduction		
Week 1 - Introduction to Biology	Lab Session I-1	Introduction & Lab Notebook Setup
Week 2 - Chemistry of Life, part 1	Lab Session I-2	Introduction to the Microscopy Lab
Week 3 - Chemistry of Life, part 2	Lab Session I-3	Staining Bacteria
Week 4 - Cell Structure and Function, part 1	Lab Session III-1	Unicellular Eukaryotic Life
Week 5 - Cell Structure and Function, part 2	Lab Session III-2	Introduction to the Molecular Lab
Week 6 - Photosynthesis and Cellular Respiration, part 1	Lab Session III-3	Fish Cousins
Week 7 - Photosynthesis and Cellular Respiration, part 2	Lab Session VII-1	Shark Fin Sequencing
Week 8 - Cell Cycles	Lab Session IV-1	Parasites
Week 9 - Mitosis	Lab Session IV-2	TEM & Membranes
Week 10 - Meiosis	Lab Session IV-3	No Lab
Unit 2: Genetics and Evolution		
Week 1 - Gregor Mendel and Genetics	Lab Session VI-1	Introduction to the Genetics Lab
Week 2 - Molecular Genetics, part 1	Lab Session III-5	Labrador Fur Color Inheritance
Week 3 - Molecular Genetics, part 2	Lab Session III-6	Colorblindness Inheritance
Week 4 - Human Genetics	Lab Session III-7	Mice Inheritance
Week 5 - Biotechnology	Lab Session III-4	Sickle Cell Inheritance
Week 6 - From the First Organism Onward	Lab Session II-1	Gene Linkage in Fruit Flies
Week 7 - Theory of Evolution	Lab Session II-2	No Lab

Lab Correlation Chart for Biology for the Rhetoric Stage

BRS Unit and Week	Home Scientist BK01A Biology Lab Kit	Beyond Labz (Biology Online Labs)
Unit 3: Ecology, Eukaryotes, and Plant Life		
Week 1 - Principles of Ecology	Lab Session II-3	Lab Report Continued
Week 2 - Communities and Populations, part 1	Lab Session V-1	Introduction to Ecology
Week 3 - Communities and Populations, part 2	Lab Session V-2	Invasive Species
Week 4 - Microorganisms	Lab Session V-3	Keystone Species
Week 5 - Eukaryotes, part 1	Lab Session V-4	Predator Competition
Week 6 - Eukaryotes, part 2	Lab Session VII-2	Land Plants
Week 7 - Plant Evolution and Classification	Lab Session VII-3	Seaweed
Week 8 - Plant Biology, part 1	Lab Session VII-4	No Lab
Week 9 - Plant Biology, part 2	Lab Session VIII-1	No Lab
Unit 4: Animals and the Human Body		
Week 1 - Introduction to Animals	Lab Session IX-1	Introduction to the Systematics Lab
Week 2 - Invertebrates	Lab Session X-1	What is a Fish?
Week 3 - Fish to Birds	Lab Session X-2	Bugs and Barnacles
Week 4 - Mammals	Lab Session XI-1	Centipedes and Millipedes
Week 5 - Introduction to the Human Body	Lab Session XI-2	Worms
Week 6 - Nervous and Endocrine Systems	Lab Session XI-3	Tiger DNA Sequencing
Week 7 - Circulatory, Respiratory, Digestive, and Excretory Systems	Lab Session XI-4-1	DNA Profiling
Week 8 - Immune System	Lab Session XI-4-2	Lab Report
Week 9 - Reproduction	Lab Session XI-4-3, 4	Lab Report