

Biology Year-At-A-Glance*
2018-2019

First 9 weeks 45 days	Second 9 weeks 43 days	Third 9 weeks 48 days	Fourth 9 weeks 44 days
<p>Intro to Biology (7 days) -Living organisms and virus (SB4c) -Evolution of virus (SB4c)</p> <p>Cells (35 days) -Macromolecules (SB1c) -Enzymes (SB1c) (10 days)</p> <p>-ProKaryotes and Eukaryotes -Cell structures and organelles (SB1a) (10 days)</p> <p>-Cell Membrane and Cell Transport (SB1a,SB1d) (10 days)</p>	<p>Cells (15 days) -Cellular Energy (SB1e) (7 days)</p> <p>-Cancer/Cellular Reproduction (SB1b) {mitosis,binary fission} (4 days)</p> <p>-Macromolecules review before DNA (SB1c) (1 day)</p> <p>Genetic information in cells (25 days) -DNA/RNA structure (SB2a) (2 days) -DNA replication (SB2a) (3 days)</p> <p>-Synthesising of proteins (SB2a) (7 days) -Gene Mutations (SB2b) (7 days)</p> <p>-Karyotypes/Biotechnology (SB2c) <i>embedded in 2nd and 3rd nine weeks (5 days)</i></p>	<p>Genetics (20 days) -Sexual Reproduction variability (SB3a), (SB3c) {mitosis vs meiosis} (3 days) -Mendel's Laws (SB3 a,b) (7 days) -Dihybrid Crosses (SB3b) (1 days) -Non-mendelian genetics (SBb) (5 days) -Karyotypes/Biotechnology (SB2c) -Chromosomal Mutations (SB2b) (3 days) <i>Charlie Guard</i></p> <p>Evolution (25 days) -Genetic Drift (SB6d) -Speciation (SB6b) (4 days) -Natural Selection and adaptations (SB5e) (4 days) -Evolution (SB6d, SB6a) (4 days) -Evidence (SB6c) (4 days) -Biological Resistance (SB6e) (4 days)</p>	<p>Organization (10 days) -classification (SB4a) (10 days) -speciation (SB4b)</p> <p>Ecology (20 days) -patterns populations biodiversity (SB5a) (4 days) -energy flow (SB5b) {photosynthesis and respirations (SB1e)} (1 days) -ecosystem stability (SB5c) (5 days) -human impact (SB5d) (10 days) -adaptations (SB5e)</p>

*amount of days are tentative