

**Biology Year-At-A-Glance  
2017-2018**

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