

Course Title

Biology

Subject

Dog Storyline

Grade Level(s)

9

Teachers

Taylor Hooker, John Gotto, Bill Becker

Type of Course

Biology

Length/Credits

Full Year / 1.0 credits

Prerequisites

None

Course Description

Students will be exploring the major concepts of biology through phenomenon-driven storylines including storylines about Africa, Homeostasis, Melanin, Disease, Penguins and Dogs. The major concepts of biology are interwoven into each Storyline allowing students to develop a deeper understanding of biology by making real world connections.

Related Common Core State Standards (CCSS)
other related Standards

<https://dpi.wi.gov/science/standards>

Essential Learning Targets	Measurable Evidence of Success
What are types of evidence to show common ancestry? LS4.A	1. Comparative Behavior Activity 2. Dog and Wolf Phylogeny 3. Wolf Evolution 4. Dog Domestication CER
How does artificial selection change phenotypes over time? LS4.B/LS4.C	1. Achondroplasia Activity 2. Dog Breeds Before and After CER 3. Farm Fox Assessment
Why is genetic variation needed for evolution? LS3.A	1. Mapping Genes to Traits 2. Canine Summative Assessment (applies to all targets)