

Objective:

Learn the basic concepts of predator and prey

Learn the concepts of predator and prey dynamics, how number of predator and prey change over time.

Introduction

Introducing the concept of predator and prey. Introducing to kids that number of predator and prey could change over time. Predator will die if not having enough food, prey number decrease when predator eats them but increase when baby prey are born.

I found the [Population Dynamics: The Predator-Prey Lab](#) is a very good one to teach kids about population dynamics of predator and prey.

We can basically follow the lesson plan and let kids play the game in groups of 2 or 3, working on the excel spreadsheet under the guidance of a graduate student advisor. I think it should be enough for a lesson.

Also <http://www.eduweb.com/portfolio/studyworks/predators8a.html> has a ok simulation to play with.