



# PLANET BEE FOUNDATION

Education, Awareness, and Stewardship

[planetbee.org](http://planetbee.org)

## ZomBee Watch Project

### Who We Are

Planet Bee Foundation is on a mission to change the world, one bee and one student at a time! We are dedicated to creating a green minded generation by inspiring environmental stewardship and individual action through the teaching lens of the struggling honey bee.

### The ZomBee Watch Project involves students in national cutting-edge research.

Planet Bee is honored to have partnered with San Francisco State University's ZomBee Watch Project to develop and implement the educational arm of their citizen science project with our K-12 school program. Our curriculum aligns with the Next Generation Science Standards and is deeply rooted in the philosophy of STEM learning.

The ZomBee Watch Project is an international citizen science project directed by researchers at SF State University. The goal of the project is to collect and analyze data from North America and beyond to answer real, pressing questions about honey bee decline. Students and teachers will be looking for the emergence of the "zombie fly", a parasite that lays its eggs inside bees. Bees with the parasite uncharacteristically leave the hive at night to fly around lights and can be caught with a homemade trap. The next morning, the slow, dazed bees walk around in a zombie-like state, hence the ZomBee! Students place the ZomBees in containers and watch what happens next. It's that simple!

In this program, we offer schools instruction from Planet Bee educators. The program lasts a semester, during which time educators will make two or three visits to the school.

Lesson 1: Introduction, ZomBees, and Making the Light Trap

Lesson 2: Bee Basics and Practicing the Scientific Method

Lesson 3: (optional) Preparing Data, Compiling Results, and Citizen Science

With appropriate supervision, this program is suitable for grades 3-12. All lessons can be modified to fit the students' needs. To request a ZomBee Watch lesson at your school, fill out our [online application form](#).





# ZomBee Watch Project Pricing

## Regular Pricing

Supply cost: **\$100 per class**

First 60 min class: **\$200**. Each additional class at same location: **\$130**

*Teachers have the option of teaching the Day 3 Lesson, where students analyze their findings and upload them to the official ZomBee Watch website, themselves. Planet Bee will provide a detailed lesson plan.*

## Sliding Scale Pricing

Schools with 50% or more of their students receiving free lunches will be given Planet Bee lessons for free. Schools with less than 50% of students receiving free lunches will be given discounts of 2X the percentage of students receiving free lunches. So, schools with 25% of students receiving free lunch will be given a 50% discount, schools with 15% or more of students receiving free lunch will be given a 30% discount... and so on.

Travel Fees	County
\$0	San Francisco
\$25	Marin, San Mateo, and Alameda

*For the counties below, minimum of two (2) classes per trip.*

\$50	Sonoma, Solano, Contra Costa
\$75	Napa, Sacramento, San Joaquin, Santa Clara, Santa Cruz



**For regions outside of those listed or for sliding scale information, please contact:  
[programs@planetbee.org](mailto:programs@planetbee.org)**