



The Bioplex area in Whyville is a great place to learn about life sciences, biotechnology, and careers. The Bioplex Pak provides you with lesson guides, student worksheets, and training videos for each of the activities within the Bioplex.

### Activities include:

- **Center for Disease Control (CDC)** – Learn about how diseases spread through the Whyville population. Use simulators to predict an outbreak’s impact on the population.
- **Make-A-Virus** – Design a virus that will infect your sample population and cause various symptoms to those infected.
- **Whack-A-Virus** – Learn how the body’s immune system responds to a viral infection.
- **Vaccine Lab** – Design vaccines for active viruses within the Whyville community and learn about the clinical trials process.

### What’s included in the Bioplex Pak?

You’ll get access to:

- A lesson guide for each activity – to provide a roadmap for a class lesson.
- Associated student worksheets – to be printed out for a daily participation grade.
- Walkthrough videos – short videos that takes you on a tour of the each activity, so you can quickly familiarize yourself with the content.

