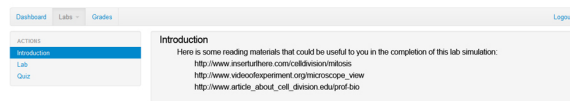


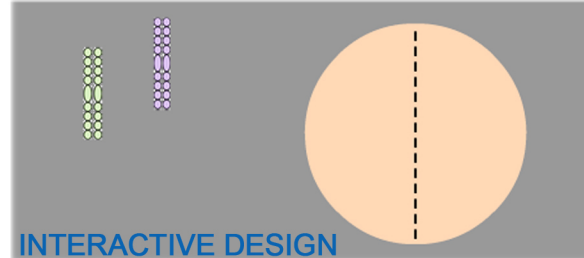
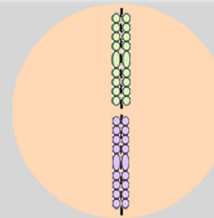
A virtual classroom environment

Fully featured lab simulations at your own personal computer. Our system offers full lab simulations on topics ranging from cellular division to studying enzyme activity. Each lab offers a graphical interface for the user to interact with via a computer mouse and keyboard.

Further your learning. With a section dedicated to inspiring learning in students, instructors are able to provide the student with background information about the lab and share articles, scientific journal entries, videos of experiments and much, much more.

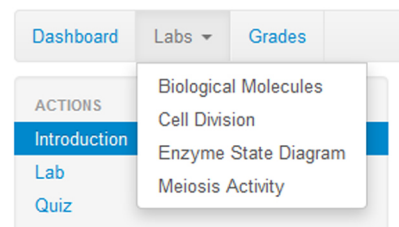


During **Metaphase**, the chromosomes line up in the central region of the cell at the equatorial plane. (represented here by the dotted line) Drag the chromosomes on to the dotted line to look like this:



INTERACTIVE DESIGN

The system incorporates an interactive design element which allows for the user to manipulate the items on screen to fulfill the required steps of the lab.

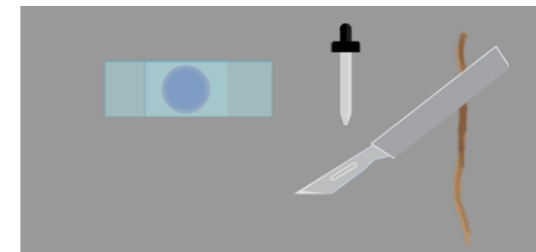


EASY TO NAVIGATE

Nested in a simple, professional looking web layout, everything is only a click away. Users can quickly jump in by logging into their unique user account and get started with whatever lab they want.

CELLULAR DIVISION

In our cellular division simulation, users will be able to interact with a model cell and demonstrate their understanding of the stages of mitosis. This lab also teaches the user the proper way to prepare slides for viewing under a microscope in a fun, interactive way. The user will get to use virtual tools such as a scalpel, eye dropper, and glass microscope slide.



MEIOSIS ACTIVITY

The other lab which we have implemented in our current system displays the biological process of meiosis.