



KEOTA
PUBLIC SCHOOLS

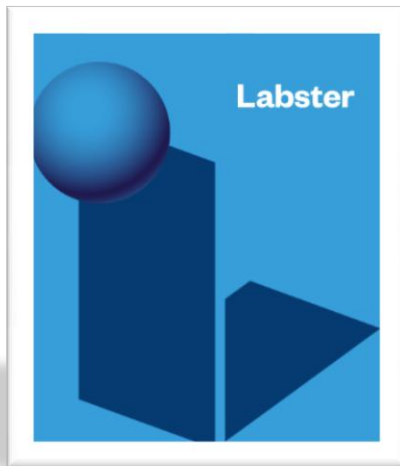
Labster Overview

Honeycutt Science

Presentation Objectives

At the end of this presentation and discussion, you will be able to:

- Answer the question “*What is Labster?*”
- Describe concepts of Labster courseware
- Establish your personal Labster account
- Launch a Labster simulation



What is Labster?

INTRODUCTION

Located in Copenhagen, Denmark

- 3D artists
- Scientists
- Sim~techs
- Engineers
- Educators
- Animators



“We aim to radically improve science education.”





Labster's website »

Labster is a developer of VR-based lab simulations with 3D storytelling and scoring systems for educational institutions... [Read more](#)

Estimated Annual Revenue

\$5M

Estimated Employees

80



Founder & CEO

Mads
Tvillinggaard
Bonde

CEO Approval Rating

84/100

OVERVIEW

Founded: 2012

Headquarters: Copenhagen, Capital Region

Status: Private, Independent Company of

Industry Sector: Educational Software

SIC Code: 7372 [NAICS listing »](#)

Links:



From my research ... there isn't presently another, similar learning platform for science labs.

Here are the top “sort-of” competitors ...



Touch Surgery is a mobile surgical simulation application that allows surgeons to learn and rehearse surgical procedures

Medical Exam Tutor is an online virtual patient platform that allows learners to manage the virtual patient from diagnosis ...

Smart Sparrow is an eLearning platform that allows educators to create interactive online tutorials for students.

Knewton is an adaptive learning platform that allows users to create and share personalized educational contents for schools ...

Cogbooks is a provider of personalized web-based learning solutions.



Lab Basics

- Experimental Design
- Lab Safety
- Pipetting - Master the technique

Cellular and Molecular Biology

- Cell Culture Basics
- Confocal Microscopy
- Embryology Simulation
- Gene Regulation
- Introductory Polymers
- Meiosis Simulation
- Microscopy Simulation
- Mitosis Simulation
- Parkinson's Disease Simulation
- Polymerase Chain Reaction
- Signal Transduction: How Cells Communicate
- Viral Gene Therapy

Environmental engineering

- Waste Water Treatment

Mechanics

- Law of Universal Gravitation
- Vectors

Thermodynamics

- Ideal Gas Law

General Chemistry

- Acids and Bases
- Atomic Structure
- Equilibrium
- Ionic and Covalent Bonds
- Ionic and Covalent Bonds
- Matter and Phase Changes
- Periodic Table of Elements
- Solution Preparation
- Stoichiometric calculations
- Titration

Example Labs

108 options





Earth Science

Our Laboratories



Biology



Physical Science





Each Lab Takes about 3 minutes to load.

Labs takes ~45 minutes to complete

A “resume” feature saves your progress



Go inside the lab



Use helpful hints



Instructor will provide you the class code

GET STARTED

Get Started

- Click** honeycutt's email
- Read** instructions
- Click** link in email
- Click** go-to Labster
- Click** login
- Click** create account
- Click** enter code
- Type** code
- Check** email
- Click** confirm account
- Start** a lab



Start your Lab

- Acids and Bases
- Atomic Structure
- Equilibrium
- Ionic and Covalent Bonds

