WILEY

zyBooks
A Wiley Brand
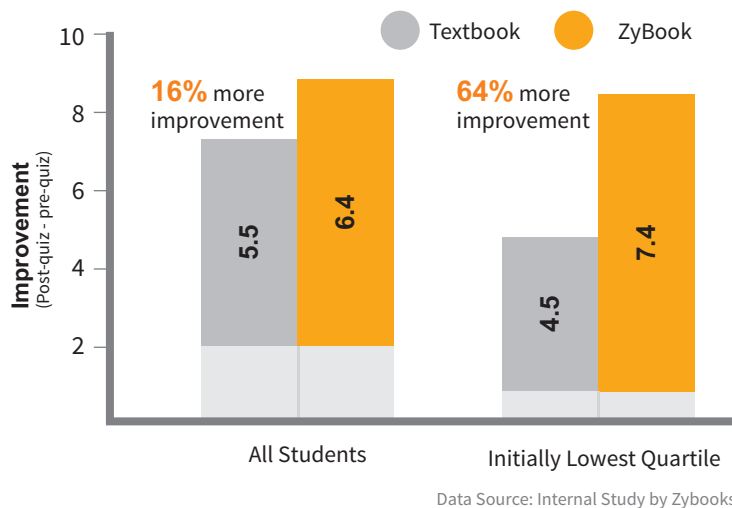
US based zyBooks NOW Customized to **Indian Curriculum**

Interactive Books
Mapped to Curriculum

Over **900+** institutions and **9,00,000+** students worldwide have already made the switch

STEM educational content using **"less text, more action."** Rather than long descriptions, zyBooks emphasizes **question sets, animations, interactive tools,** and **embedded homework. Students learn by doing,** which many learning experts agree is the most effective educational strategy

16% more improvement

64% more improvement

Improvement (Post-quiz - pre-quiz)

Textbook ZyBook

5.5   6.4   4.5   7.4

10
8
6
4
2

All Students   Initially Lowest Quartile

Data Source: Internal Study by Zybooks

KEY FEATURES

Engaging animations and visuals of every key concept

Time-saving auto-generated and auto-graded assignments

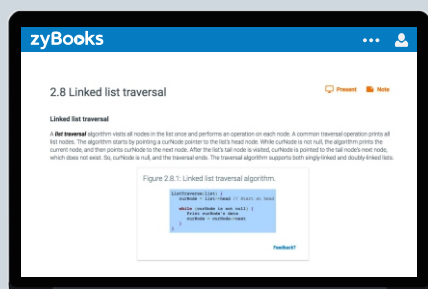Participation activities, including questions, animations, and interactive tools

Embedded coding environment with auto-graded programming challenge activities

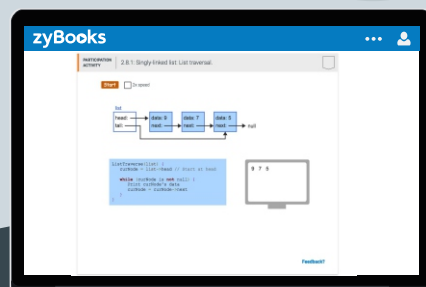Affordable and easy to use student experience

HOW IT WORKS

Say.

We use concise text as a jumping board to our animations and learning questions.

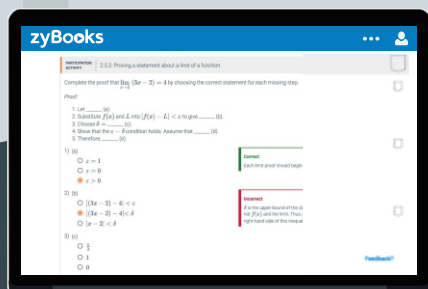### Show.

Much of a traditional textbook is replaced with animations to help students visualize key concepts.

Ask.

Learning questions and homework problems with auto-grader encourage more student participation.

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Courses

zyBooks are research-backed web-based textbook and homework replacements, making extensive use of animations, learning questions and integrated tools

Programming Skills

- Programming in Python 3
- Programming in C++
- Programming In C
- Programming in Java
- Java Early Objects
- AP Computer Science A (Java)
- zyLab Autograder, with Free Sample Labs in Java
- zyLab Autograder, with Free Sample Labs in C
- zyLab Autograder, with Free Sample Labs in C++
- zyLab Autograder, with Free Sample Labs in Web Programming
- zyLab Autograder, with Free Sample Labs in Python
- Fundamental Programming Concepts
- AP Computer Science Principles

Software & Web Programming

- Data Structures Essentials
- Data Structures Essentials With C++ Examples
- Data Structures Essentials With Java Examples
- Data Structures Essentials With Python Examples
- Database Systems with SQL
- Computing Technology for All
- Troubleshooting Basics – FREE
- Web Programming
- Mobile App Development with Android and Java
- Digital Design
- Operating Systems
- Computer Organization & Design (5e) – MIPS
- Computer Organization & Design (6e) – MIPS

- Computer Organization & Design (1e) – ARM
- Programming Embedded Systems
- Introduction to Computer Systems and Assembly Programming

Mathematics

- Algebra
- Linear Algebra
- Discrete Mathematics
- Quantitative Reasoning
- Circuits (Calculus)
- Circuits (Algebra)
- Precalculus
- Calculus: Volume 1
- Calculus: Volume 2
- Calculus: Volume 3
- Spreadsheet Essentials
- Introduction to Statistical Investigations
- Applied Statistics with Data Analytics ®
- Applied Regression Analysis ®
- Applied Regression Analysis (Python)
- Applied Statistics with Data Analytics (Python)
- Introduction To MATLAB®

Core Engineering

- Materials Science and Engineering: An Introduction, 10th Edition
- Control Systems Engineering, 8th Edition
- NI Engineering Signals & Systems (2e)
- NI Circuits (3e)
- Material and Energy Balances

Instructors
Testimonials

Students
Testimonials

UCI

" I could see how the dynamics of the zyBook could carry over into Discrete Mathematics and solve a lot of the problems I was facing," she notes. To Dr. Irani, the zyBook's animations "had the ability to show things moving through time – a much more powerful teaching tool than a static powerpoint, chalkboard, or textbook. "

Dr. Sandy Irani
Professor of Computer Science
at UC Irvine.

CalPolyPomona

" The interactive zyBook platform is a step forward toward personalized education. It is now upon us, instructors and students, to help improve these platforms by sharing our experience and needs with innovators. I look forward to using the MATLAB zyBook next year in my class. "

Dr. Nakhjiri
Professor at Cal Poly Pomona -
Aerospace Engineering Department.

" I really enjoyed zyBooks for use in my Python class. It has surely aided my success in class and helped me build some confidence in my first year at university. "

Zachary H.
Grand Valley State University

CLEMSON UNIVERSITY

" I really enjoy using zyBooks, especially for Computer Science related topics. The fact that the textbook includes continuous interactivity makes the topics it teaches more engaging, ending in better comprehension. I wish that more of my classes, especially my math and physics classes, used zyBooks "

Tyler L.
Clemson University

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