

WILEY

zyBooks
A Wiley Brand

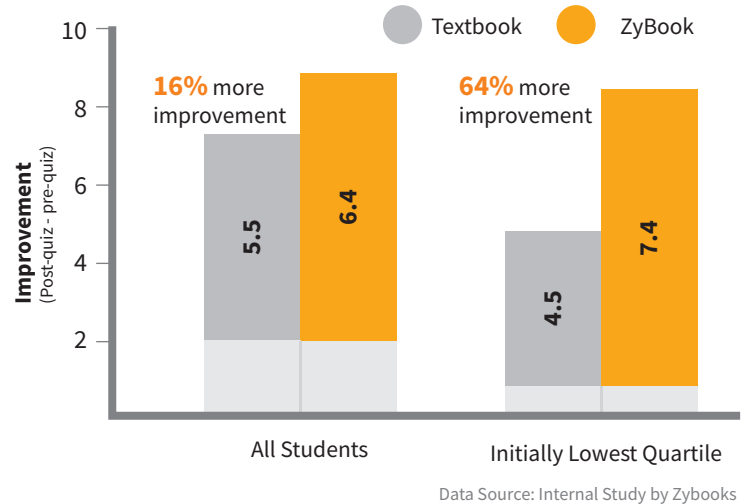


Learn Programming
& Coding with
Interactive zyBooks

Web based Interactive Courseware Mapped to Curriculum

Over **1200** institutions and **1.1 million** 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



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

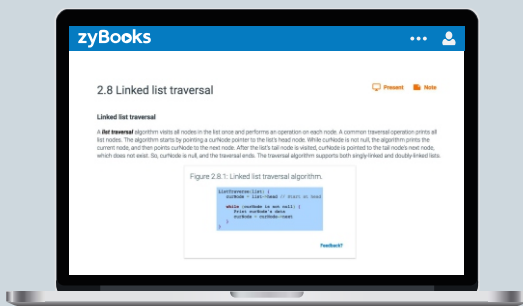


Embedded coding environment with auto-graded programming challenge activities



Affordable and easy to use student experience

HOW IT WORKS

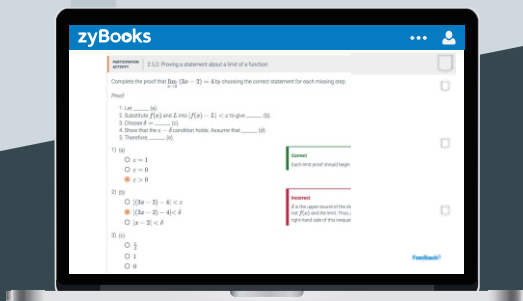
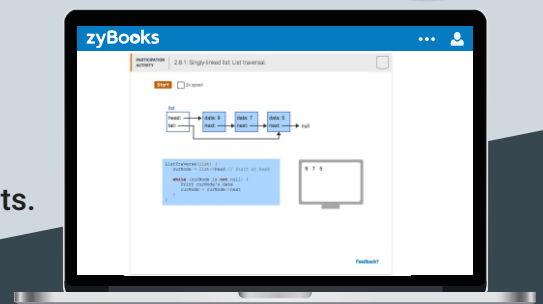


Say.

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.

Newly Launched Courses



Data Science Foundations



Data Science Foundations with Python

Programming Skills

- Programming in Python 3
- Programming in C++
- Programming In C
- Programming in Java
- Java Early Objects
- AP Computer Science A (Java)
- Big C++ Late Objects (3e) zyVersion
- Big Java: Late Objects (2e) zyVersion
- 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
- Web Programming
- Mobile App Development with Android and Java
- Mobile App Development with Kotlin
- Digital Design
- Operating Systems
- Algorithm Design and Applications (1e) zyVersion
- Operating System Concepts (10e) zyVersion
- Programming Embedded Systems
- Introduction to Computer Systems and Assembly Programming

Mathematics

- Algebra
 - Linear Algebra
 - Discrete Mathematics
 - Quantitative Reasoning
 - Precalculus zyVersion
 - Calculus: Volume 1 zyVersion
 - Calculus: Volume 2 zyVersion
 - Calculus: Volume 3 zyVersion
 - 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 zyVersion
 - Control Systems Engineering, 8th Edition zyVersion
 - NI Engineering Signals & Systems (2e) zyVersion
 - NI Circuits (3e) zyVersion
 - Material and Energy Balances
 - Fundamentals of Engineering Thermodynamics (9e) zyVersion
 - Basic Engineering Circuit Analysis (12e) zyVersion
 - Circuits (Calculus)
 - Circuits (Algebra)
 - Engineering and Chemical Thermodynamics zyVersion

Instructors Testimonials

“ The coding environment is very good, they have clearly given the interpretation of how the program is running step by step, it is very much needed for someone who is at a basic level. The operating systems course is also very good. Since the portal is covering so many courses, I feel it is suitable for students in any semester. ”

Ravikiran Saili

Training & Placement Officer,
Vishnu Universal Learning

“ It is an excellent system to promote and improve the knowledge of data analytics in a concise, easy, and more interesting fashion. Current job requirements focus more on the machine and coding capabilities of candidates, and zyBook solves that problem with the excellent lab sessions it provides with quick evaluation there itself. ”

Anup Kelkar

Director, Anup Kelkar's Python Academy, Nagpur

Students Testimonials

“ zyBooks has been an incredible resource. It is so much easier to go through a chapter with interactive examples and questions to reinforce the concepts. It was good for learning that too in an efficient way. Thank you so much for creating such an amazing interface. ”

Dheeraj Reddy Gadi

Student BTech,
Information Technology ANITS

“ 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

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