

*Engage Middle School Students in Deeper Learning by **Investigating and Questioning** our World through **Science and Technology***

IQWST inspires student learning with a NGSS-aligned, phenomena-based science curriculum. Students explore driving questions, conduct investigations, collect and analyze data, develop and use models to explain phenomena, all in a literacy and discourse rich environment.

IQWST Overview

- Meets Indiana Standards of Three Dimensional Learning
- Interactive Hands-on Activities, Print Materials and Powerful Digital Tools
- Students apply Crosscutting Concepts with Scientific Practices
- Strong Literacy Focus: reading, writing, talking, and doing science
- Student-Driven Learning
- Printed and Interactive Digital Editions available

Designed to Support Teachers

- Lesson Plans and Video Tutorials with background knowledge and activity set-ups
- Discussion Questions
- Differentiation Strategies
- Embedded Content & Pedagogical Support
- Instructional Supports, Webinars & Lesson Modeling
- Comprehensive Assessments

Focused on Student Outcomes

- Phenomena-driven, Investigation-centered Activities
- Multimedia Video, Audio, Graphic Simulations and more
- Claim, Evidence, Reasoning Discourse and Critical Thinking Skills
- Activities support Literacy and Math Standards



For a limited time, access and review our Teacher & Student Interactive Digital Edition of IQWST:

Log-in Information	
URL	https://indiana.activatelearningdigital.com
Username	in-iqwst_t1@aldpdemo.com
Password	in-iqwst_t1

IQWST Curriculum Overview

Across the three years of middle school, students conduct sequenced activities, investigations, readings, discussions, and lessons that build student understanding of core disciplinary ideas, crosscutting concepts, and multiple scientific practices involved in “making sense” of complex ideas.

IQWST developed exclusively for Activate Learning by a team of science-education, literacy and science-learning specialists from the University of Michigan, Northwestern University, Michigan State University, and the Weizmann Institute of Science, supported by National Science Foundation funding.

Below is the unit scope and sequence for Indiana.

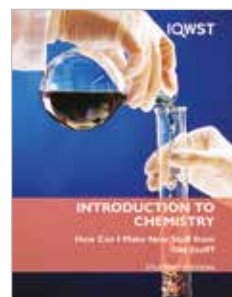
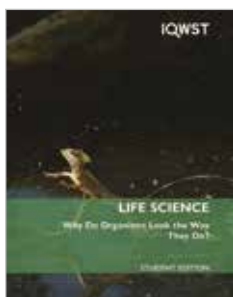
Grade 6



Grade 7



Grade 8



“IQWST is based upon the development of student understanding through student-focused activities, reading and writing articles, and spirited claim, evidence, reasoning, discussions. I have not come across a text series in 25 years of education that approaches science education in this manner.”

— Brian Klaft, Science Teacher,
Indian Prairie, IL School District #204