



IQWST®

INVESTIGATING AND QUESTIONING
OUR WORLD THROUGH SCIENCE
AND TECHNOLOGY

WHY IQWST® IS THE RIGHT CHOICE FOR YOUR MIDDLE SCHOOL

"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 science curriculum in 25 years of education that approaches science education in this manner."

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

Phenomenon-Driven, 3-Dimensional Learning

- Research-based and Supported by National Science Foundation (NSF)
- Aligns with Next Generation Science Standards (NGSS)
- Literacy Focus: reading, writing, talking, and doing science
- Crosscutting Concepts with Scientific Practices
- Student-Driven Learning

Instructional Design with Teachers in Mind

- Teacher Edition: lesson plans, discussion questions, differentiation strategies, and background information
- Interactive Digital Edition
- Video Tutorials: background knowledge & activity set ups
- Embedded Content and Pedagogical Support
- Interactive Student Notebook that Integrates Lab, Reading, and Writing Activities
- Digital Assessments to Drive Student Learning (ONPAR)

Professional Development

- Online Teacher Support and Webinars
- Lesson Modeling
- Educational Resource Specialists



IQWST Middle School Curriculum

LEVEL 1

Physical Science

Can I Believe My Eyes?

Light, its role in sight and its interaction with matter

Intro to Chemistry

How Can I Smell Things From A Distance?

Particle nature of matter

Life Science

Where Have All the Creatures Gone?

Organisms and ecosystems

Earth Science

How Does Water Shape our World?

Water and rock cycles

LEVEL 2

Intro to Chemistry

How Can I Make New Stuff from Old Stuff?

Chemical reactions and conservation of matter

Physical Science

Why Do Some Things Stop While Others Keep Going?

Transformation and conservation of energy

Earth Science

What Makes the Weather Change?

Atmospheric processes in weather and climate

Life Science

What is Going on Inside of Me?

Body systems and cellular processes

LEVEL 3

Earth Science

How is the Earth Changing?

Geological processes

Life Science

Why Do Organisms Look the Way They Do?

Heredity and natural selection

Physical Science

How Will It Move?

Force and motion

Intro to Chemistry

How Does Food Provide My Body with Energy?

Chemical reactions in living things