



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

Project-Based, 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

Professional Development

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



IQWST

IQWST Middle School Curriculum

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| LEVEL 1 | Physical Science | Intro to Chemistry | Life Science | Earth Science |
| | <p><i>Can I Believe My Eyes?</i></p> <p>Light, its role in sight and its interaction with matter</p> | <p><i>How Can I Smell Things From A Distance?</i></p> <p>Particle nature of matter</p> | <p><i>Where Have All the Creatures Gone?</i></p> <p>Organisms and ecosystems</p> | <p><i>How Does Water Shape Our World?</i></p> <p>Water and rock cycles</p> |
| LEVEL 2 | Intro to Chemistry | Physical Science | Earth Science | Life Science |
| | <p><i>How Can I Make New Stuff from Old Stuff?</i></p> <p>Chemical reactions and conservation of matter</p> | <p><i>Why Do Some Things Stop While Others Keep Going?</i></p> <p>Transformation and conservation of energy</p> | <p><i>What Makes the Weather Change?</i></p> <p>Atmospheric processes in weather and climate</p> | <p><i>What is Going On Inside Me?</i></p> <p>Body systems and cellular processes</p> |
| LEVEL 3 | Earth Science | Life Science | Physical Science | Intro to Chemistry |
| | <p><i>How is the Earth Changing?</i></p> <p>Geological processes</p> | <p><i>Why Do Organisms Look the Way they Do?</i></p> <p>Heredity and natural selection</p> | <p><i>How Will It Move?</i></p> <p>Force and motion</p> | <p><i>How Does Food Provide My Body with Energy?</i></p> <p>Chemical reactions in living things</p> |