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 Klaft, 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 Middle School Curriculum

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