

What is Inq-ITS?

Inq-ITS (Inquiry Intelligent Tutoring System) is an online educational environment for science. With Inq-ITS, students engage in virtual inquiry in Physical, Life, and Earth Sciences. Students form hypotheses, conduct experiments, analyze their data, warrant their claims, and communicate their findings. Inq-ITS puts students in control of their own learning, with each participating in their own authentic inquiry experience. As students work Inq-ITS uses complex algorithms that automatically assesses students and generates real-time formative reports on classroom-wide performance for educators on each inquiry skill, summarizing classroom-wide and individual student performance.

Who created Inq-ITS?

The Inq-ITS project led by Dr. Janice D. Gobert, Professor of Learning Sciences and Educational Psychology in the Graduate School of Education at Rutgers University, this group is the first to provide automated, realtime assessment and scaffolding of inquiry skills by blending and extending techniques from the fields of Educational Data Mining, Cognitive Science, and Learning Science. The project began at WPI in 2007 and has received over \$12M in funding from the NSF and the U.S. Department of Education for on-going research with Inq-ITS. Apprendis is a spin off company co-founded by Janice Gobert, Michael Sao Pedro, and Cameron Betts; it is being incubated by WPI's Office of Technology Transfer and School of Business.

How do I get started?

Email info@inqits.com and you will be set up with a log-in.

Which subjects are covered by your virtual labs?

Our virtual labs span Physical, Life, and Earth Science. For a full list of our virtual labs please visit the [Inq-ITS Menu Document](#).

Which grade levels are covered by your virtual labs?

Our virtual labs are geared toward middle school science standards. However, we have a number of upper elementary teachers using our virtual labs as an acceleration strategy. We also have a number of high school teachers using our virtual labs as pre-assessments to units as well as using them as a remediation strategy.

How do I find out about pricing?

Send an email to info@inqits.com.

My student scored very well in the hypothesis section, then the data, and analysis sections have very low scores. When I opened up the detailed report, it appears that her answers are correct -- why are her scores so low?

Her report is scored low because she only collected a single piece of data. From a data collection standpoint, one cannot determine if their hypothesis is supported or not because there's only one data point (so no trends can be seen). The same logic applies to the data analysis section -- one cannot find any trends in data with only a single data point.

Student cannot see the entire lab on their screen.

Change the resolution on the student device so they can see the lab on their screen.

We have connectivity issues, will students lose their work?

No, our system is designed to auto-save student work. Have students log back in with their same log-in and their work should have auto-saved and pick up where the student left off.

Virtual Lab will not load in Explorer/Firefox/Safari

Have students complete the lab in Google Chrome. In testing, students have had the best experiences using Google Chrome.

How do I get Sign-Up / Get a Log-In?

Email info@inqits.com and you will be set up with a log-in.

How do I find out about piloting opportunities?

Send an email to info@inqits.com with a brief description of the courses you teach.

How can my students get help from Rex?

When you are setting up your virtual labs for your classes, make sure to specify that you would like your students to receive assistance from Rex.

How do I remove Rex?

If you would like to get an assessment score without students receiving assistance, or if you think Rex is too childish for your students, then make sure that you specify that you do NOT want your students to receive Rex assistance.

How do your virtual labs align with NGSS?

Please visit one of our crosswalk documents: [Discipline Specific Model](#) or [Integrated Progression Model](#).

How can I help a student who has forgotten their password?

From Teacher Portal go to the Students Tab, click on 'change info' and update password.

Where is the Inq-ITS Blog?

<https://inqits.wordpress.com/>

How can I speak with someone about Inq-ITS?

Send an email to info@inqits.com or call us.

What social media accounts does Inq-ITS have?

Facebook:

Official: <https://www.facebook.com/InqITS/>

Rex: <https://www.facebook.com/RexInqITS/>

Twitter:

Official: <https://twitter.com/InqIts>

Rex: <https://twitter.com/RexInqITS>

YouTube: <https://www.youtube.com/watch?v=5LOoriYXez4>

Suggestions?

We are consistently working to improve Inq-ITS. If you have any suggestions as to how we can improve the website, interface, teacher or student experience, please contact us at info@inqits.com.

Additional Questions?

Check out our [Teacher's Guide](#) or contact us directly.