FLINN SCIENTIFIC

FLINN SCIENCE2GO

Science2Go™ EXPLAINED

Frequently Asked Questions

Q: What is Science2Go™?
A: Science2Go™ is a digital learning solution that offers a new approach to laboratory education for middle school and high school students. It allows students to engage in science and engineering practices in any learning environment without access to supplies or equipment - making it a perfect solution for in-school, hybrid, and remote learning.

Q: How does Science2Go™ work?
A: Science2Go™ includes videos focused on lab technique and data collection with prompts and analysis questions to engage students in science practices. Students observe and refine experiments, identify design flaws, analyze data, and practice scientific reasoning while connecting science to the natural world. Each lab includes an at-home extension as well as recommendations for lab kits when students are in school.

Q: What disciplines are covered in Science2Go™?
A: Science2Go™ includes lab series for Science for high school and middle schools.

- For high school, Science2Go™ includes lab series for the following disciplines: Biology, Chemistry, Environmental Science, and Physics.
- For middles school, Science2Go™ includes lab series for the following disciplines: Life Science and Physical Science.
- Each lab series includes 10-12 unique labs. Biology and Chemistry have two lab series each, while the remaining disciplines have one lab series each.

Q: Are the labs aligned to NGSS and State Standards?
A: All labs are aligned to NGSS. They are also aligned to the TEKS and other state standards. You can find the alignments **here**.

Q: How can teachers use Science2Go™ in a remote, hybrid, or in-school environment?
A: Science2Go™ enables learning that bridges the classroom to home - and back!

In-school and hybrid

- prelab work to prepare for physical labs
- social distancing classrooms where complete hands-on labs will not be done yet

Remote

- Because the lab solution can be done completely online, they are ideal for remote learning

FAQs:

Q: What is the difference between Science2Go™ and 360Science?
A: The main difference is as follows:

- 360Science is designed as an in-school solution. Students collect data firsthand through hands-on experiments, using the kits provided with the program.
- Science2Go™ is designed for remote learning experiences with video labs and data provided to students. Recommendations for lab kits teachers can use in the classroom are provided but not required as part of the program. Students do NOT collect data first hand with Science2Go™.
- Teachers can use the solutions together in a hybrid environment with Science2Go™ used as a preassignment so students are better prepared for in-school labs.

Lab Content

Q: What labs are part of High School Biology in Science2Go?
A: Two lab series are included as part of High School Biology.

- Biology Lab Series 1 includes the following 10 labs: Mitosis, Ecosystems, Diffusion & Osmosis, Photosynthesis, Cellular Respiration, Rate of Transpiration, Fruit Fly Behavior, Sordaria Genetics, Artificial Selection, and Peroxidase Enzyme.
- Biology Lab Series 2 includes the following 10 labs: Beaks, Make a Cell, Nutrition: Energy from Food, Vitamin C Analysis, Make a DNA Model, Functioning Lung Model, Kombucha Fermentation, Plants and Plant Growth, Ocean Acidification, and Diffusion & Osmosis.
- Biology Lab Series 2 is presented in a new "Predict and Explain" format. In this series new sections are included where students are asked to predict the outcome of a lab, see how closely their predictions match outcomes and then explain those outcomes.

Q: What labs are part of High School Chemistry in Science2Go?
A: Two lab series are included as part of High School Chemistry.

- Chemistry Lab Series 1 includes the following 10 labs: Chemical Bonds, Chemical Reactions, Atomic Structure, Stoichiometry, Kinetics, Chemical Equilibrium, Acids and Bases, Thermodynamics, Intermolecular Forces, and Electrochemistry.
- Chemistry Lab Series 2 includes the following 10 labs: Structure-Property Relationship, Advanced Materials, Gases, Acid and Base Indicators, Solutions, Stoichiometry, Thermodynamics, Lewis Structures, Scientific Method, and Equilibrium.
- Chemistry Lab Series 2 is presented in a new "Predict and Explain" format. In this series new sections are included where students are asked to predict the outcome of a lab, see how closely their predictions match outcomes and then explain those outcomes.

Q: What labs are part of High School Environmental in Science2Go?
A: High School Environmental includes one lab series.

- Environmental Lab Series 1 includes the following 10 labs: Climate Change & Keeping Cool, Model Climate Change with Melting Ice, How Nature Records Changes in Climate, Ocean Current, Calcium Carbonate & Shell Production, Carbon Dioxide Levels in Seawater, Forest Fires, Albedo & Composition of Earth's Surface, Alternative Energy, and Wind.

FAQs:

Lab Content

Q: What labs are part of High School Physics in Science2Go?
A: High School Physics includes one lab series.

- Physics Lab Series 1 includes the following 12 labs: Conservation of Elastic Potential Energy, Conservation of Momentum, Hooke's Law, Torque, Waves and Sound, Mechanical Waves, Friction, Uniform Circular Motion, Freefall: Measuring, Newton's Law

Q: What labs are part of Middle School Life Science in Science2Go?
A: Middle School Life Science includes one lab series.

- Life Sciences Lab Series 1 includes the following 11 labs: Tree Rings & Climate, Genetics with Seeds, Kidney model, Cell Size (Diffusion & Osmosis), Animal Behavior, Life Cycles (Chicks & Butterflies), Carbon Dioxide Emissions and Climate Change, Artificial Selection, Ecosystems, Photosynthesis, and Nutrition.

Q: What labs are part of Middle School Physical Science in Science2Go?
A: Middle School Physical Science includes one lab series.

- Physical Sciences Lab Series 1 includes the following 12 labs: Chemical Reactions, How Batteries Work, Newton's Laws, Linear Momentum, Kinetics, Waves, Potential Energy, Gravity, Friction, Rockets, The Structure-Property Relationship, and Gases.

The Student & Teacher Experience

Q: Does each student require a login or only the teacher?
A: Teachers and students will each have their own logins. Once teachers set up their classes, they send a linking code to their students allowing them access to the assigned labs. Students add their responses directly to the system and teachers grade and provide feedback via a teacher dashboard.

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Q: Can teachers customize the labs? Can the prompts and questions be modified/changed by teachers?
A: Teachers can customize the labs by adding or editing content and assessment questions and uploading documents, images, and links to videos.

Q: Can teachers assign only certain questions or do they need to assign the entire module?
A: Teachers can customize each lab, eliminating any section they choose.

Q: When teachers customize a lab, does the original lab remain intact?
A: Yes, the original copy of the lab remains intact and available. You can create up to five customizable versions per lab.

FAQs:

The Student & Teacher Experience

Q: How do teachers assess students' Science2Go™ labs? Are there reports, or is the teacher required to manually go through each student's responses?
A: With Science2Go™, students type their answers directly in the system. Teachers have a dashboard where they can review, comment, and assign points (customized to their class). Once completed, all that information gets pushed back out to students, so they see when they log back into the program.

Q: Does Science2Go™ provide a "packaged correct answer" to the analysis questions? Like an answer key for teachers?
A: Each lab comes with a teacher document that provides sample student responses.

Q: Can students save their work while working on a lab?
A: Science2Go™ allows students to save and modify until they are ready to submit.

Q: Can teachers "download" a hard copy of completed student labs for their records?
A: Science2Go™ doesn't have a feature built in to automatically download, but that's a great idea! We will add it to our list of future enhancements. In the meantime, you could use free print screen programs to print students' answers.

Q: How long does it take a student to complete a Science2Go™ lab?
A: It takes students on average 30-45 minutes to complete a Science2Go™ lab.

Q: How long are the videos with each lab?
A: The length of videos within the labs vary between 2 to 7 minutes.

Q: Are the lab videos close-captioned?
A: Yes all Science2Go lab videos are close-captioned.

Q: What should we do if we are NOT allowed to have students do experiments at home?
A: Science2Go™ is perfect for that situation. Students watch the lab videos and simulations. It is NOT a take-home kit that requires them to do their own experiments.

FAQs:

Trials and Purchases

Q: How much does Science2Go™ cost?
A: Science2Go™ has the following price options:

Science2Go™ has the following price options:

- Class Option: $250 per class per lab series – up to 30 students
- Building Option: (unlimited teachers and students in a building)
  - $1,995 per building per discipline for these disciplines
    - HS Environmental Science, HS Physics, MS Physical Science and MS Life Science
  - $2,295 per building per discipline for these disciplines
    - HS Biology and HS Chemistry (NOTE: If you purchase before 12/31/2020, the price is $1,995.)
  - District Option: Contact us at customercare@flinnsci.com for custom options. Let us know how many classes per discipline and teachers and we will customize a solution for you.

Q: How do I order Science2Go™?
A: You can purchase Science2Go™ for your class at www.flinnsci.com/science2go. For building and district sales (or if you have any other questions), please contact us at customercare@flinnsci.com

Q: Does the purchase expire annually?
A: Yes, Science2Go™ is an annual subscription, so you will need to repurchase every year. Contact us at customercare@flinnsci.com about multiple year purchases.

Q: Can I try Science2Go™ before purchasing it?
A: You can preview a lab for each discipline before you purchase. Go to flinnscience2go.com and click "Try a Lab" at the top of the page. Fill out then form and then select the lab series for which you want to see a lab.

Q: Are the lab series of 10 set or can you choose a set of 10 labs for customized bundles?
A: Each lab series comes with 10-12 labs. You can only purchase those set lab series with those labs. You cannot create a custom series of 10 labs from multiple disciplines

Q: Can teachers "download" a hard copy of completed student labs for their records?
A: Science2Go™ doesn't have a feature built in to automatically download, but that's a great idea! We will add it to our list of future enhancements. In the meantime, you could use free print screen programs to print students' answers.

FAQs:

Technical

Q: Is Science2Go™ compatible with district LMSs – such as Google Classroom, Schoology, or Canvas?
A: We don't currently sync up with Google Classroom or any other district LMS. However, we are working on it and anticipate updates at the end of year 2020. **Please fill out this form** and we will update you as soon as that feature is available. In the meantime, we do provide downloadable, writable pdfs that you can use in Google Classroom.

Q: Does Science2Go™ work on iPads or Chromebooks? Do you need an app to use on any of these devices?
A: Science2Go™ works on tablets (ios and Android), phones (ios and Android) and computers including Chromebooks. No app is necessary to use the program on these devices. All you and your students need is an Internet connection and a web browser.

Q: Does the Science2Go™ work on iPhone and Android phones?
A: Yes, Science2Go™ can be used on smartphones.