

# Curriculum Conversion Chart for the Supercharged Science Mastery Program

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**Our Science Mastery Program includes enrollment in the eScience Online Learning Program.** Here's information on the difference between the two, how they work together, and how families can use both for an outstanding science education. The Science Mastery Program and the eScience programs are designed so that most kids can handle doing the program by themselves. (We do recommend supervising the Chemistry labs, though.)

**The Science Mastery box is heavy on the experiments, while online eScience program is heavy on the academics.** The eScience program includes all of the material that will provide additional academic support for the Science Mastery Program as kids go through it, plus it also provides way more videos and other resources that are not a part of Science Mastery. Many parents find the combination of the two works well, while others choose to just stick with Science Mastery. With the parts in your Science Mastery box, you've already got most of the expensive and hard to find items that are used in eScience, so you're already a step ahead.

**The eScience Program is an online science learning program appropriate for K-12 students.** There are HUNDREDS of step-by-step experiment videos, audio classes, textbook downloads, and lesson plans for you to access that are above and beyond what's in the Science Mastery box. The eScience program is chocked full activities and projects because depending on what level your child is at, they're going to pick up different science concepts. For example, *Roller Coaster Physics* is a great way to introduce younger students about gravity and friction by just playing with the project and watching the coasters zoom around, while high school students use the same experiment to measure and take data along with calculating forces and energy.

**Here's how the two programs match up together** – meaning that you'll be able to reach inside your box and use the included materials for these eScience units:

## Science Mastery Silver

Chapter 1: Air Pressure & Aeronautics  
Chapter 1: Kites  
Chapter 1: Rocketry  
Chapter 2: Electricity  
Chapter 2: Robotics  
Chapter 3: Sonic Vibrations  
Chapter 3: Physical Motion  
Chapter 4: Physics of Light  
Chapter 4: Lasers

## eScience Program

eCamp Flight Lab: Flying Machines, Unit 20  
eCamp Flight Lab: Kites, Unit 20  
eCamp Flight Lab: Rocketry, Unit 20  
Unit 10: Lesson 1 & Unit 11: Lessons 1 & 2  
Unit 10: Lesson 2  
Unit 6: Lessons 1 & 2  
Units 1, 2, 4, 5  
Unit 9: Lesson 1  
Unit 9: Lesson 2

## Science Mastery Gold

Chapter 1: Air Pressure & Aeronautics  
Chapter 1: Kites  
Chapter 1: Rocketry  
Chapter 2: Electricity  
Chapter 2: Robotics  
Chapter 3: Sonic Vibrations  
Chapter 3: Physical Motion  
Chapter 4: Physics of Light  
Chapter 4: Lasers  
Alternative Energy  
Electronics 1  
Chemistry (C1000)

## Science Mastery Diamond

Chapter 1: Air Pressure & Aeronautics  
Chapter 1: Kites  
Chapter 1: Rocketry  
Chapter 2: Electricity  
Chapter 2: Robotics  
Chapter 3: Sonic Vibrations  
Chapter 3: Physical Motion  
Chapter 4: Physics of Light  
Chapter 4: Lasers  
Electronics 1, 2, 3  
Chemistry (C3000)  
Alternative Energy 1 & 2

## eScience Program

eCamp Flight Lab: Flying Machines, Unit 20  
eCamp Flight Lab: Kites, Unit 20  
eCamp Flight Lab: Rocketry, Unit 20  
Unit 10: Lesson 1 & Unit 11: Lessons 1 & 2  
Unit 10: Lesson 2  
Unit 6: Lessons 1 & 2  
Units 1, 2, 4, 5  
Unit 9: Lesson 1  
Unit 9: Lesson 2  
Unit 12: Solar Vehicles, Wind Turbine Projects  
Unit 14: Electronics, Lesson 1  
Unit 15: Chemistry, Lesson 1

## eScience Program

eCamp Flight Lab: Flying Machines, Unit 20  
eCamp Flight Lab: Kites, Unit 20  
eCamp Flight Lab: Rocketry, Unit 20  
Unit 10: Lesson 1 & Unit 11: Lessons 1 & 2  
Unit 10: Lesson 2  
Unit 6: Lessons 1 & 2  
Units 1, 2, 4, 5  
Unit 9: Lesson 1  
Unit 9: Lesson 2  
Unit 14: Electronics, Lessons 1 & 2  
Unit 15: Chemistry, Lessons 1 & 2  
Unit 12: Solar Vehicles, Fuel Cells, Fruit Batteries, Wind Turbine, and Crystal Radio Projects

**Now take a peek at ALL the content that's available to you with the eScience Program:**

Unit 1: Mechanics (Force, Friction, Gravity)  
Unit 2: Motion (Velocity, Acceleration)  
Unit 3: Matter (Density, Solids)  
Unit 4: Energy Part 1 (Levers, Pulleys)  
Unit 5: Energy Part 2 (Potential and Kinetic Energy)  
Unit 6: Sound (Vibration, Resonance)  
Unit 7: Astrophysics (Particle Physics, Astronomy)  
Unit 8: Chemistry Part 1 (Molecules, Chemical Kinetics)  
Unit 9: Light (Light Waves, Lasers)  
Unit 10: Electricity (Circuits, Robotics)  
Unit 11: Magnetism (Magnets, Electromagnets)  
Unit 12: Alternative Energy (Solar, Wind, Fuel Cells)  
Unit 13: Thermodynamics (Temperature, Heat)  
Unit 14: Electronics (Breadboards, Circuit Boards)  
Unit 15: Chemistry Part 2 (Junior High (intermediate) and High School (advanced) Level)  
Unit 16: Life Science Part 1 (Living Organisms, Cells, Genetics, Microscopes)  
Unit 17: Life Science Part 2 (Prokaryotes, Protists, Fungi, and Plants)  
Unit 18: Biology Part 1 (Invertebrates, Fishes, Amphibians, Reptiles, Birds, Mammals)  
Unit 19: Biology Part 2 (Skin, Bones, Muscles, Digestive, Cardiovascular, Respiratory)  
Unit 20: Fluid Dynamics (Aeronautics, Air Pressure, Rocketry)

*Check the website: **[www.ScienceLearningSpace.com](http://www.ScienceLearningSpace.com)** for the latest information.*