



# Supercharged Science

## Get your child started...

- Engaging experiments, detailed instructions, and unlimited support to help your children master the core science concepts they need.
- With over 900 science activities, experiments, and projects, your child will be begging to spend more time learning science, even if they've never enjoyed science before.
- Walk through these steps with your child once, and they'll be ready and excited to do the program on their own!

**1** Sign into your account at [www.sciencelearningspace.com](http://www.sciencelearningspace.com)

The screenshot shows the homepage of the Supercharged Science e-Science Online Learning Program. The navigation menu includes Home, Not a Member Yet?, Getting Started, Topics, Grade Levels, Summer e-Camp, Science Journal, Shopping List, and Contact. A search bar is located in the top right. The main content area features a video player for 'Unit 2 Lesson 2: Acceleration' with a description of acceleration. Below this is a 'FREE! Click Here for a Free Sample of e-Science.' link. The 'LATEST NEWS' section includes articles on 'NEW! Arduino Robotics' and 'Private: Merit Badges for Scouts'. The 'TEACHER RESOURCES' section includes 'The Six Keys to Teaching Homeschool Science' and 'Space-opoly'. On the right side, there is a 'NEW MEMBERS: START HERE!' section with a video thumbnail and a 'LOGIN' form. The login form includes fields for 'Login:' and 'Password:', a 'Remember me' checkbox, and a 'Login »' button. A red circle highlights the login form, and a red arrow points from the URL in the text above to the login form.



Forgot your password or username? Email us to help get you going right away.



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2 Click "Topics" or "Grade Levels":

Supercharged Science  
e-Science Online Learning Program

Home Not a Member Yet? Getting Started **Topics** Grade Levels Summer e-Camp Science Journal Shopping List Contact

Unit 2 Lesson 2: Acceleration  
Before we get into Newton's Second Law, we need to get up to speed with acceleration. In physics acceleration is defined as a change in velocity. In other words, it is a change in speed or a change in direction. It is how much time it takes something to go from one velocity to another. Remember that velocity is speed and direction. If you go straight ahead on your bike at ...

**FREE!** [Click Here for a Free Sample of e-Science.](#)

**LATEST NEWS**

**NEW! Arduino Robotics**  
Go beyond LEGO Mindstorms and get started building real robots using the same technology that scientists are using today. You'll...

**Private: Merit Badges for Scouts**  
For years, boy scouts have used our science experiments to help them earn their merit badges. To make it easier, we've put...

**TEACHER RESOURCES**

**The Six Keys to Teaching Homeschool Science**  
As a hands-on science teacher who some kids think is a bit wild, I've found that there...

**Space-opoly**  
Kids love my new twist on the classic game of Monopoly. Besides being chocked full of real...

**NEW MEMBERS: START HERE!**  
Click to find out [How This Site Works](#)

**LOGIN**

Login:  
Password:  
 Remember me  
[Login »](#)

Not a member yet?  
[Enroll Today!](#)

**FEEDBACK**  
We love to hear from you! Check out some [feedback from other parents...](#)

**LINKS**  
 [Supercharged Science](#)

? The experiments and activities are organized by subject (called "Topics") and also by grade level. We recommend starting with Grade Level, and if your child want to go deeper into a particular topic, then switch over to the Topics section.

3 Select the topic or appropriate grade level:

Now go to Step 4

Now to e-Science? Get the most out of this program by keeping three important things in mind as you progress...

Learn how to use the e-Science program. This video shows you how to use the program. It also shows you how to use the program to find the resources you need.

**Unit 2: Motion**  
A crash-course in projectile motion as you throw, swing, jump, drop, roll, and tangle with Newton's laws.

**Unit 4: Energy 1**  
Discover the magic of mechanical advantage as you build simple machines to lift, pull, and hoist.

**Unit 7: Astrophysics**  
Astonomy, Particle Physics, & Relativity  
What were going to study matters on so it would, but it's the same stuff real scientists are studying.

Now go to Step 6

**Pre-K & Kindergarten** Natural properties, plants and animals, and basic principles of earth science.

**First Grade** States of matter, weather, and the scientific method.

**Second Grade** Forces and motion, tools and machines, plants and animals, and the Earth's resources.

**Third Grade** Energy and matter have multiple forms and can be changed from one form to another.

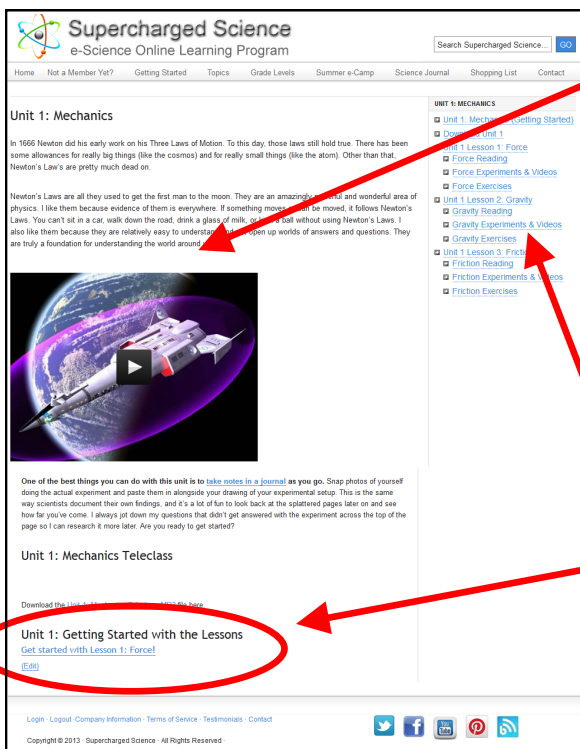
**Fourth Grade** Electricity and magnetism, circuits and robotics, rocks and minerals, and the Earth's weather and landforms.

**Fifth Grade** Chemical elements, biological functions, heat transfer, and inheritance.



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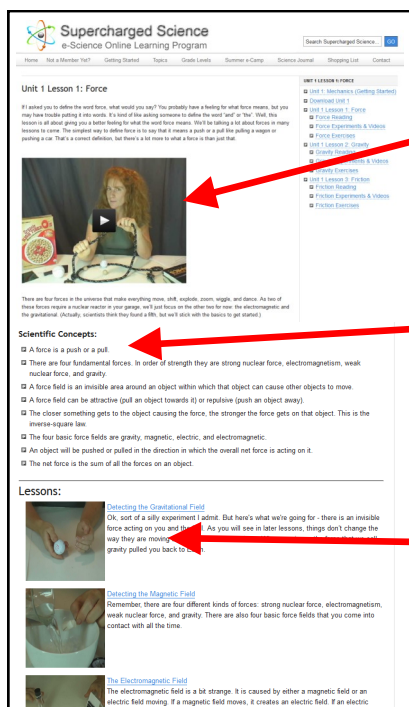
## 4 Topics: Start with a unit...



Watch the video to get a main overview of the unit.

Now go to the lessons!

## 5 Topics: For each section of lessons...



Watch the video for the section.

Learn which science concepts are covered.

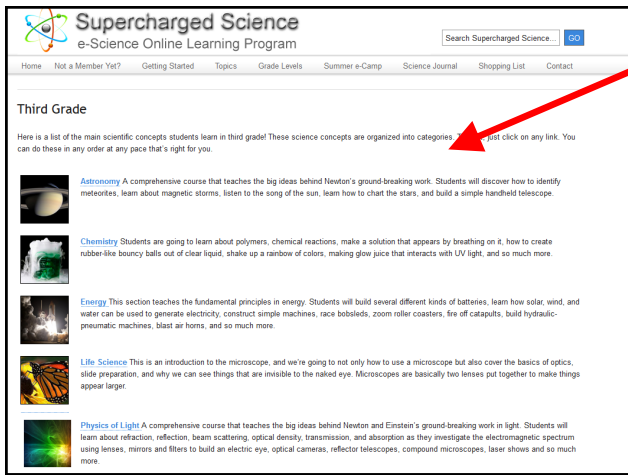
Discover and explore through the lesson experiments!



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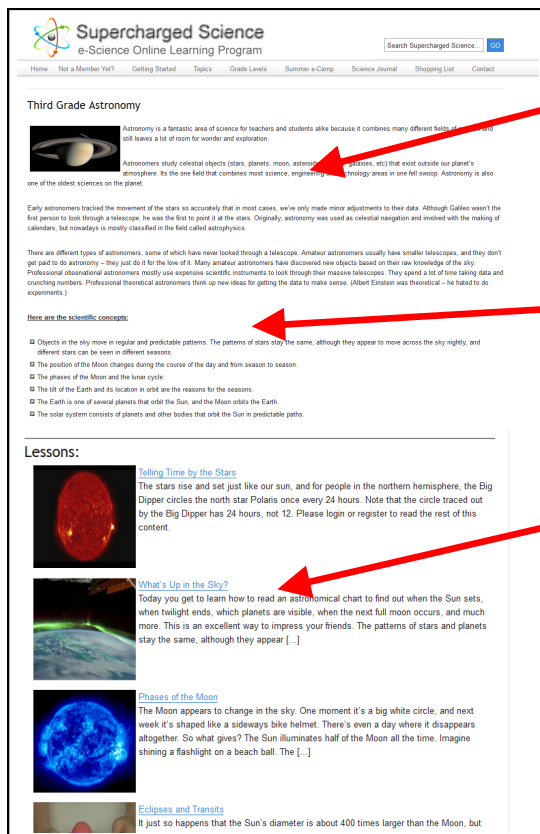
Grade Level: Select your grade level topic.



These are the scientific concepts students learn, separated by grade level according to both the national standards for science and my personal experience in working with kids for nearly two decades.

7

Grade Level: Select the lesson.



Read about the main ideas.

Learn which science concepts are covered.

Discover and explore through experiments!



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Unlimited support for as long as you need it.

Watch the introduction video here in the "Getting Started" area.

Contact us for help with the program.

The screenshot shows the Supercharged Science website interface. At the top, there is a navigation menu with links for Home, Not a Member Yet?, Getting Started, Topics, Grade Levels, Summer e-Camp, Science Journal, Shopping List, and Contact. A search bar is located on the right side of the header. The main content area is titled 'Getting Started' and features a video player with a play button. Below the video, there are several sections: 'How Do I Get Started?' with four steps, and a 'GETTING STARTED' sidebar with a list of activities including New Member Information, Syllabus & Schedule, Activity: Pop Rockets, Activity: Disappearing Beaker, Activity: Bouncy Ball, Activity: Flying Contraptions, Activity: Microwaving Soap, Activity: Plasma Grape, and Activity: Simple Hovercraft.

The navigation menu on the right matches the section you're in, so keep an eye on this side as you click through the website.

Welcome to the Supercharged Science family!

I really hope you get a ton of value, fun, and enjoyment from my science program.