



The **NSTA** Learning Center

New Resources and Tools

October 19, 2010

<http://learningcenter.nsta.org>

Flavio Mendez
Senior Director



Agenda

- Learning Center Overview
- New resources
- Using the “*My Library*” tool



<http://learningcenter.nsta.org>





The **NSTA** Learning Center

Overview

The NSTA Learning Center

NSTA's e-PD portal designed to help science teachers address their content/classroom needs.

With over 5,500 resources and practical tools to help you organize, personalize, and document your PD growth over time.



<http://learningcenter.nsta.org>



The NSTA Learning Center



October 2010:

Over 67,300
active users with
over 492,700
resources across
their libraries

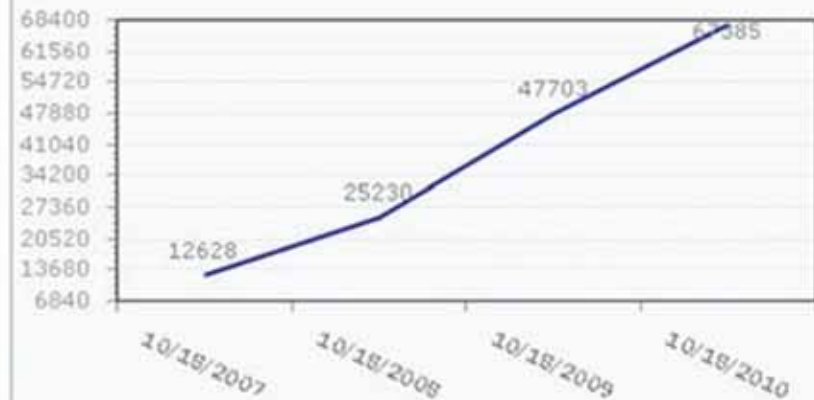
67,385 Active Users*

16,090 Members (23.9%)

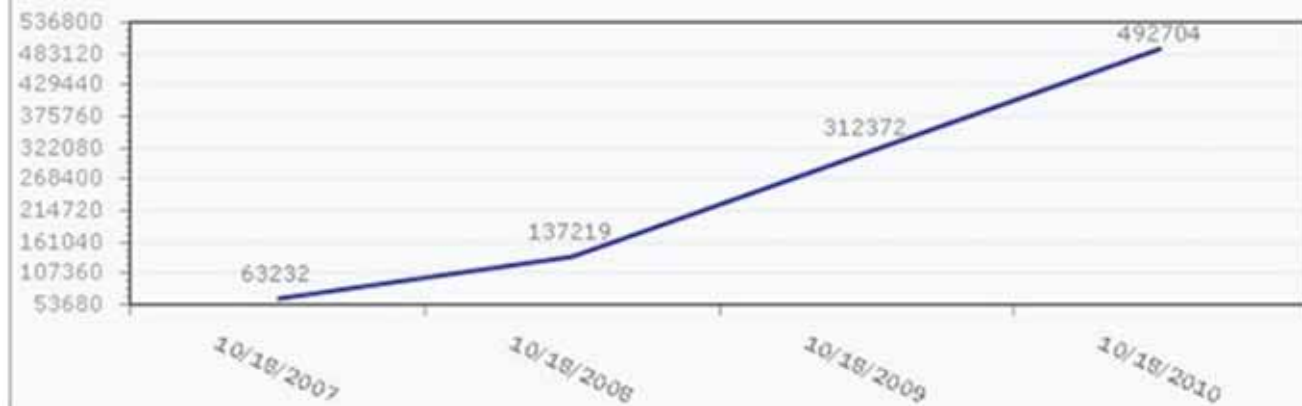


51,295 Non-Members (76.1%)

Active User Growth



492,704 Resources in Libraries





The Learning Center has over 5,500 resources



Do-It-Yourself Learning

SciGuides [35]
Science Objects [74]
SciPacks [19]
Archived Seminars/Podcast [350+]



Live Online Seminars & Classes

Web Seminars [100/yr]
Short Courses [20+/year]



Books & Articles

Journal Articles [3300+]
NSTA Press Books [250+]
e-Books [130+]
e-Chapters [810+]



In Person Experiences

Symposia [6-10/year]
PD Institutes [6-10/year]

I have used the following resources from the LC



| | | | |
|----------------------|------------------|----------------------|----------|
| Science Objects | Journal Articles | Web Seminars | |
| Web Seminar Archives | Podcasts | Online Short Courses | SciPacks |
| e-Books | SciGuides | e-Chapters | |



The NSTA Learning Center

[Back to NSTA.org](#) [Contact Us](#) [Help](#) [Feedback](#)

The NSTA Learning Center

Search the Learning Center



Home

My Account

Subjects

Learning Resources
& Opportunities

Professional
Development Tools

Education
Administrator

My Learning Center

Welcome, Flavio [Log Out](#)

Welcome

My Library

My PD Indexer

My PD Plan & Portfolio

My Transcript

My Calendar

My Notepad

Help Desk

Welcome to Your Professional Development Web Space!

Through the resources on this site you can begin to build your professional development plan, track your activities and assess your progress. You can start at the "Explore Learning Opportunities" section or by writing your game plan with the PD Plan and Portfolio tool. Whatever you decide, that's the beauty of this space. So, let's get started! If desired, you may review an in-depth 60-minute [archived Web Seminar](#) overview or a 9-minute [multimedia overview](#) of the NSTA Learning Center.

Featured PD Resource



Science
OBJECTS **FREE**

Plate Tectonics: Plates

<http://learningcenter.nsta.org>

NSTA

Featured e-PD resources



supported by



S.D. Bechtel, Jr.
Foundation



THE WILLIAM AND FLORA
HEWLETT
FOUNDATION



U.S. Department of Transportation
National Highway Traffic Safety
Administration



Agilent
Technologies
Foundation





- 2-hour **free**, self-paced, learning experience
- Interactive **simulations**
- Questions to promote interaction and learning
- Based on **science education standards**
- Seventy-four (**74**) currently available



Science Interactive



NSTA SCIENCE SIMULATION: *Make a Reef*

INSTRUCTIONS ⓘ

CONTROL PANEL

| pH | Temperature | Light | Salinity |
|----|-------------|----------|-------------|
| 13 | 23 - 29 °C | No Light | 41 - 55 ppt |
| 8 | 17 - 23 °C | Murky | 25 - 40 ppt |
| 4 | 10 - 17 °C | Clear | 10 - 24 ppt |

I have used science simulations from the LC with my students



| Yes | No. But I think I will. | No. I do not think it would be useful. | I need to learn more |
|-----|-------------------------|--|----------------------|
| | | | |

Featured e-PD resources



supported by



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THE WILLIAM AND FLORA
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FOUNDATION



U.S. Department of Transportation
National Highway Traffic Safety
Administration



Agilent
Technologies
Foundation

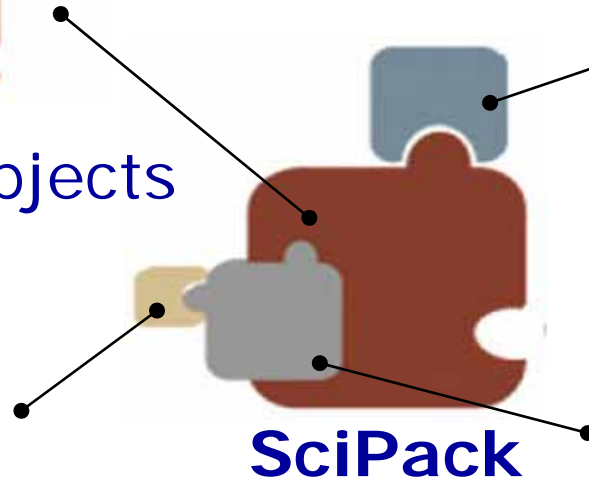




3-5 Science Objects



Unlimited Content
Mentor Email
Support



SciPack



Assessment and
Certification
Opportunity



Pedagogical
Implications
Component



Building Content Knowledge

Personal Information



Welcome,
susan_y@nsta.org

Last Visit:

■ Date: Not Available

■ Time: Not Available

Science Object Status:

■ Available: 105

■ Visited: 1

Links

■ [Help Desk](#)

■ [NSTA Learning Center](#)

Welcome

To access your SciPack, refer to the **Table of Contents** below.

1. Select your SciPack from the **Select** drop-down list
2. Click **Find**
3. To expand the SciPack Table of Contents, click on the SciPack title or click the + next to the SciPack title
4. Click the name of the section you would like to view

When you have only one SciPack, start with Step 3 above.

Table of Contents

Select:

| SciPack | Completion | Last Accessed |
|---|-------------|------------------|
| Orientation | <div></div> | Not Accessed |
| Force and Motion | <div></div> | 07/10/07 8:44 AM |
| Position and Motion | <div></div> | 07/10/07 8:44 AM |
| Newton's First Law | <div></div> | Not Accessed |
| Newton's Second Law | <div></div> | Not Accessed |
| Newton's Third Law | <div></div> | Not Accessed |
| Force and Motion Final Assessment | <div></div> | Not Accessed |
| Glossary | <div></div> | Not Accessed |
| Pedagogical Implications | <div></div> | Not Accessed |

Featured e-PD resources



supported by



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Foundation



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HEWLETT
FOUNDATION



U.S. Department of Transportation
National Highway Traffic Safety
Administration



Agilent
Technologies
Foundation





Valuable classroom resources for science teachers interested in integrating the web into their teaching

- Each SciGuide consists of:
 - Customized lesson plans using selected web resources
 - Approximately 100 standards-aligned web-accessible resources
 - Teacher media vignettes describing and showcasing the lessons
 - Samples of student work
 - Science Interactives utilized in SciPack on same topic



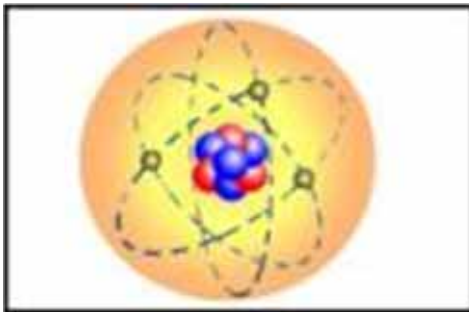


**Let's pause for
general questions
about the
Learning Center**



The **NSTA** Learning Center

What's new?



Atomic Structure

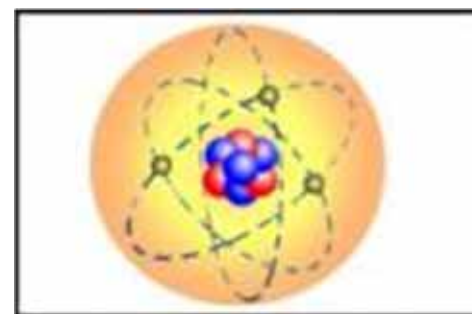


Nutrition

Atomic Structure

Science Objects:

- Investigating Atoms
- Properties of Atoms
- Energy in Atoms



Atomic Structure

Nutrition

Science Objects:

- What is Food?
- What Happens to the Food I Eat?
- What Are Nutrients?
- What Choices Lead to a Healthy Lifestyle?



Nutrition



Let's see a new Science Interactive

NSTA SCIENCE INTERACTIVE: Food for Body Processes

INSTRUCTIONS ⓘ



Skeletal System

This system works together with the nervous and muscular system to help you move. The bones that make up your skeletal system are produced and maintained by several types of cells. One type, osteoblasts, are the essential bone forming cells that lay down proteins, like collagen, that are then hardened through the addition of calcium and other minerals. As in all body processes, energy is required to keep it going.

Close



Add Science Objects to your “Library”



Go to *Learning Center* Home Page

<http://learningcenter.nsta.org>



The screenshot shows the homepage of The NSTA Learning Center. At the top, there is a navigation bar with links: "Back to NSTA.org", "Contact Us", "Help", and "Feedback". The main header features the "The NSTA Learning Center" logo and a photo of three people. Below the header is a secondary navigation bar with tabs: "Home", "My Account", "Subjects", "Learning Resources & Opportunities", "Professional Development Tools", and "Education Administrator". A red arrow points to the "Learning Resources & Opportunities" tab. The main content area is divided into several sections. On the left, there is a "My Learning Center" section with a welcome message and links to "My Library", "My PD Indexer", and "My PD Plan". Below this is a "Welcome to Your Professional Development Space!" section. In the center, there is a "Explore Learning Opportunities" section with filters for "By Subject", "By Grade Level", and "By State Standards". On the right, there is a "Featured PD Resource" section for "Science Objects" with the title "Nature of Light: Light as Waves". Below this is a "Most Popular Science Objects" section with a list of topics: "1. Energy: Different Kinds of Energy", "2. Plate Tectonics: Layered Earth", "3. Universe: The Sun as a Star", and "4. Energy: Thermal Energy, Heat, and Temperature". At the bottom, there are links for "Do-It-Yourself Learning" and "Live Online Seminars & Classes".

Back to NSTA.org Contact Us Help Feedback

The NSTA Learning Center

Home My Account Subjects Learning Resources & Opportunities Professional Development Tools Education Administrator

My Learning Center

Welcome My Library My PD Indexer My PD Plan

Welcome to Your Professional Development Space!

Through the resources on this site you can begin to build your activities and assess your progress. You can start by writing your game plan with the PD Plan and Portfolio of this space. So, let's get started! If desired, you may view a [Seminar overview](#) or a 9-minute [multimedia overview](#).

Explore Learning Opportunities

See all FREE Resources

By Subject

- Earth & Space Science
- Life Science
- Physical Science

By Grade Level

- Elementary
- Middle School
- High School
- College

By State Standards

Select your state to begin:

Choose a state

Do-It-Yourself Learning Live Online Seminars & Classes

Welcome, Flavio Admin Logout

My Calendar My Notepad Help Desk

Featured PD Resource

Science Objects

Nature of Light: Light as Waves

Most Popular Science Objects

Viewed Emailed

1. Energy: Different Kinds of Energy
2. Plate Tectonics: Layered Earth
3. Universe: The Sun as a Star
4. Energy: Thermal Energy, Heat, and Temperature

More Popular Resources...

Reminders & Opportunities

See All Science Objects or Display Science Objects by Subject Area



The screenshot shows the NSTA Learning Center website. At the top, there's a navigation bar with links: "Back to NSTA.org", "Contact Us", "Help", and "Feedback". Below this is the "NSTA Learning Center" header with a photo of three people. A secondary navigation bar includes "Home", "My Account", "Subjects", "Learning Resources & Opportunities", "Professional Development Tools", and "Education Administrator".

The main content area is titled "Science Objects". It features a "Ready When You Are — for Free!" section with text explaining that Science Objects are two-hour on-line interactive modules. A photo of a woman at a computer is shown. Below this, it states that Science Objects provide open access to valuable resources at no cost, and mentions a "system check" for browser settings. A "Learn More" link is provided.

In the left sidebar, there's a "LOGIN ::" section with a welcome message and "Admin | Log Out" link. Below that is a "QUICK SEARCH" section with a search box and "Go" button, and a link to "Advanced Search". Further down is a "Science OBJECTS" section with a "FREE" badge and the tagline "BUILDING CONTENT KNOWLEDGE". At the bottom of the sidebar is a "BROWSE SCIENCE OBJECTS" section with a list of categories: "All Science Objects", "Earth and Space Science", "Physical Science", and "Life Science". A red arrow points to this "BROWSE SCIENCE OBJECTS" section.

The "FEATURED SCIENCE OBJECTS" section at the bottom right lists two topics: "Topic: Coral Reef Ecosystems" (with a link to "THE LIVING REEF") and "Topic: Ocean's Effect on Weather and Climate".

Add a Science Object to Library

The screenshot shows the NSTA Learning Center homepage. At the top, there are navigation links: "Back to NSTA.org", "Contact Us", "Help", and "Feedback". The main header features the NSTA Learning Center logo and a photo of three people. Below the header is a navigation bar with links: "Home", "My Account", "Subjects", "Learning Resources & Opportunities", "Professional Development Tools", and "Education Administrator".

Below the navigation bar, there is a "Learning Center Home > Advanced Search" breadcrumb trail. On the left side, there is a "LOGIN ::" section with a welcome message "Welcome, Flavio" and links for "Admin" and "Log Out". Below this is a "QUICK SEARCH" section with a search input field and a "Go" button. Further down is a "PRODUCT FILTERS" section with a "Narrow your search by subject, grade level, or price" prompt and a "FILTER BY SUBJECT" section. The subject filters are: "Life Science", "Earth & Space Science", and "Physical Science".

The main content area shows search results for "Physical Science". The "Subject" filter is set to "Physical Science" and the "Opportunities" filter is set to "Science Objects". The results show 11 - 20 of 28 items. The first result is "Chemical Reactions: Rates of Chemical Reactions", which is a "Science Object". A red arrow points to the "Add to Library" button next to this result. Below the "Add to Library" button is an "Add to PD Plan" button. The description of the Science Object states: "Science Objects are two hour on-line interactive inquiry-based content modules that help teachers better understand the science content they teach. This Science Object is the third of four Science Objects in the Chemical Reactions SciPack. It demonstrates... [view full summary]". The price is listed as "Member Price: Free" and "Nonmember Price: Free". The grade level is "Elementary School, Middle School".

The NSTA logo is visible in the bottom right corner.

Which of the new SciPack titles are
you going to try first?



| Atomic Structure | Nutrition | I would like to try a different SciPack title |
|------------------|-----------|---|
| | | |



- Nutrition: Grades K-4
- Nutrition: Grades 9-12
- Science of Food Safety: Grades K-4
- Science of Food Safety: Grades 9-12





- Journal Articles
- e-Book Chapters
- Web Seminar Archives and Podcasts
- Online Courses





Add other resources to your “Library”



Go to *Learning Center* Home Page

<http://learningcenter.nsta.org>



The screenshot shows the homepage of The NSTA Learning Center. At the top, there is a navigation bar with links: Back to NSTA.org, Contact Us, Help, and Feedback. Below this is the main header with the NSTA Learning Center logo and a photo of three people. A red arrow points from the top right towards the 'Learning Resources & Opportunities' menu item in the navigation bar. The navigation bar also includes links for Home, My Account, Subjects, Professional Development Tools, and Education Administrator. The main content area is divided into several sections: 'My Learning Center' with a welcome message and links to My Library, My PD Indexer, and My PD Plan; 'Welcome to Your Professional Development Space!' with a welcome message and links to My Calendar, My Notepad, and Help Desk; 'Explore Learning Opportunities' with links to Science Objects, SciPade, SciGuides, Symposia, Symposia Archives, Professional Development Institutes, Web Seminars, Web Seminar Archives, Podcasts, Online Courses, NSTA Journal Articles, and NSTA Press Books; and 'Most Popular Science Objects' with a list of objects: 1. Energy: Different Kinds of Energy, 2. Plate Tectonics: Layered Earth, 3. Universe: The Sun as a Star, and 4. Energy: Thermal Energy, Heat, and Temperature. There are also sections for 'By Subject', 'By Grade Level', and 'By State Standards'.

or



Find resources by:

- Subject
- Learning Resources & Opportunities
- All FREE Resources
- All FREE Lesson Plans
- Advanced Search
- Grade Level
- State Standards
- Learning Preference



*Now you
try it!*

My Learning Center Welcome, Flavio [Admin](#) | [Log Out](#)

Welcome | My Library | My PD Indexer | My PD Plan & Portfolio | My Transcript | My Calendar | My Notepad | Help Desk

Welcome to Your Professional Development Web Space!

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Featured PD Resource

 **Science OBJECTS** 
Rocks: Cycling

Explore Learning Opportunities

[Advanced Search](#) [See all FREE Lesson Plans](#) [See all FREE Resources](#)

| By Subject | By Grade Level | By State Standards |
|---|--|--|
| <ul style="list-style-type: none">Earth & Space ScienceLife SciencePhysical Science | <ul style="list-style-type: none">ElementaryMiddle SchoolHigh SchoolCollege | Select your state to begin: <input type="text" value="Choose a state"/> |

Do-It-Yourself Learning **Live Online Seminars & Classes**

Learn at your own pace online with these 1-2 or 6-10 hour interactive activities.
[SEE ALL DIY LEARNING RESOURCES](#)

Learn online from certified instructors with your colleagues. 1-2 hour seminars, week and month long courses are available. Earn state and university credit.
[SEE ALL ONLINE EVENTS](#)

Books, Articles & Websites **In Person Experiences**

- Books
- Book Chapters
- eBooks
- Journals
- SciLinks

Attend an NSTA workshop in person to learn hands-on techniques with other teachers. Earn state and university credit.
[SEE ALL IN PERSON EVENTS](#)

NSTA Featured Resources

 **NSTA PODCASTS**
Learning on the go!

[RSS](#) [SHARE](#) [Facebook](#) [Twitter](#) [LinkedIn](#)

Most Popular Resources

Viewed **Emailed**

1. Doing Good Science in Middle School: A Practical Guide to In...
2. A Head Start on Science: Encouraging a Sense of Wonder
3. More Picture-Perfect Science Lessons: Using Children's Books...
4. Uncovering Student Ideas in Science, Volume 2: 25 More Forma...

[More Popular Resources...](#)

Reminders & Opportunities

19 OCT **REMINDER**
Web Seminar: The NSTA

Advanced Search



[Back to NSTA.org](#) [Contact Us](#) [Help](#) [Feedback](#)

The NSTA Learning Center

Search the Learning Center

[ETRC Home](#) [My Account](#) [Subjects](#) [Learning Resources & Opportunities](#) [Professional Development Tools](#) [Education Administrator](#)

[Learning Center Home](#) > [Advanced Search](#) [RSS](#) [SHARE](#) [Facebook](#) [Twitter](#)

LOGIN ::
Welcome, David
[Log Out](#)

ADVANCED SEARCH
[Advanced Search](#)

ADVANCED SEARCH [Help](#)

Search all NSTA resources and offerings below:

Keyword:

Author:

Type of Learning Resource:

Grade Level:

- ☒ All Grade Levels
- ☐ Elementary School
- ☐ Middle School
- ☐ High School
- ☐ College
- ☐ Informal Education

Science Discipline:

Price:



**Let's pause for
questions about
resources in the
Learning Center**



The **NSTA** Learning Center

Using the Learning Center Library

My Library

- Store and annotate NSTA resources
- Upload your own resources
- Create personalized collections
- Share your collections with individuals, group, or make public



<http://learningcenter.nsta.org>



Upload your own resources to *My Library*

- Word docs
- Excel files
- PPT pres.
- URLs
- Images


My Library: Uploaded Resources Welcome, Flavio [Admin](#) | [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

[My NSTA Resources](#) [My Uploaded Resources](#) [My Resource Collections](#)

Resource Upload




New to the Learning Center! Enjoy the convenience of having all your electronic resources in one location. Upload up to 1.5 GB of your resources to your Learning Center library, add them to your collections, create notes about them, and e-mail them to your friends. File formats include PowerPoint presentations, Word documents, Excel spreadsheets, PDF files, image files, and more. Each file must be 10 MB in size or smaller. Please read the [Terms and Conditions](#)

 **Upload a Resource**

You are currently using 0.3% of your 1.5 GB

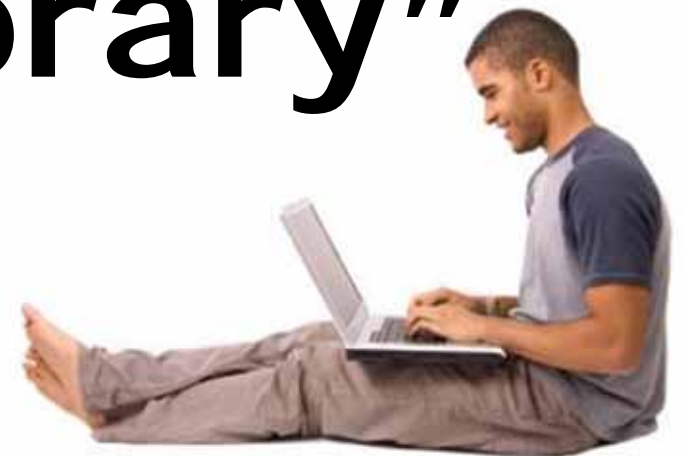
You have 1.50 GB of available space

My Uploaded Resources

| | | |
|---|--|--|
|  | NSTA Learning Center This is the URL for the NSTA Learning Center. | Email to a Friend Modify Collections Create Note Delete this Resource |
|  | NSTA Learning Center Marketing Brochure.pdf PDF file of the NSTA LC Marketing Brochure. | Email to a Friend Modify Collections Create Note Delete this Resource |
|  | ASTC Association for Science and Technology Centers home page. | Email to a Friend Modify Collections Create Note Delete this Resource |



Try it!
Add a personal
resource, or a URL
to your “Library”





What type of resources did you add
to your “*Library*”?

| Word documents | PPT presentations | URLs | Images | Excel spreadsheets |
|----------------|-------------------|------|--------|--------------------|
| | | | | |



Create a Collection

- NSTA & personal resources
- Share collections with one person or many
- Make your collection public

Back to NSTA.org | Contact Us | Help | Feedback

The NSTA Learning Center

Search the Learning Center

Home | My Account | Subjects | Learning Resources & Opportunities | Professional Development Tools | Education Administrator

Learning Center Home > My Learning Center > My Library

My Library: NSTA Resources

Welcome, Flavio | Log Out

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

My NSTA Resources | My Uploaded Resources | My Resource Collections

Do-it-Yourself Learning

- SciGuides (32 items)
- SciPacks (15 items)
- Science Objects (4 items)
- Podcasts (1 item)
- Web Seminar Archives (1 item)

Books & Articles

- Journal Articles (13 items)

Live Online Seminars & Classes

No items
[Search for resources to add](#)

In Person Experiences

No items
[Search for resources to add](#)

My Library: Resource Collections

Welcome, The Learning  [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

[My NSTA Resources](#)

[My Uploaded Resources](#)

[My Resource Collections](#)

Collections enable you to group together and organize your NSTA resources. You may also share collections with friends and colleagues.

To create a new collection:

- Click "Start a New Collection" below; fill in the brief form and click "Submit"
- Choose items from your library, our resource search page, or upload your own files to add to the collection
- NOTE: NSTA resources must first be added to your library before they can be added to a collection**
- For more help view the [My Library Help Guide](#) (1.24 MB PDF) to see screen shots and step-by-step instructions



My Collections



Collections Shared With Me

[Start a New Collection](#)

Title

Created



Climate Change
8 items

9/3/2010



Climate Change Here and Now:
7 items

9/10/2010



Earth Day PD Resources for Teachers
of Science
9 items

4/12/2010



FDA/CFSAN: Food Irradiation
7 items

9/10/2010



NSTA REPORTS Freebies Column: Nov.
2010
3 items

9/20/2010

Title

Shared by

Shared



Climate Change Here
and Now:
7 items

The
Learning
Center

9/10/2010



FDA/CFSAN: Food
Irradiation
7 items

The
Learning
Center

9/10/2010



SCIENCE CLASS
Elementary Edition: Oct.
2010, Process Skills
8 items

The
Learning
Center

9/13/2010



Summer PD Resources
5 items

Flavio
Mendez

5/4/2010



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My Collections



Collections Shared With Me

Title:

Description:

Why did you put these resources together and what is the intended use?

Grades:

☐

Elementary

☐

Middle

☐

High

Make it Public:

☒

Allow other users to find this collection within search results

Submit

Cancel

Title

Shared by

Shared



Climate Change Here and Now:
7 items

The Learning Center

9/10/2010



FDA/CFSAN: Food Irradiation
7 items

The Learning Center

9/10/2010



SCIENCE CLASS Elementary Edition:
Oct. 2010, Process Skills
8 items

The Learning Center

9/13/2010



Summer PD Resources
5 items

Flavio Mendez

5/4/2010

Title

Created



Climate Change
8 items

9/3/2010



Climate Change Here and Now:
7 items

9/10/2010

My Library:

Welcome, The Learning [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

My NSTA Resources

My Uploaded Resources

My Resource Collections

View all resource types

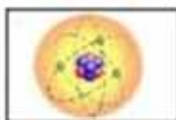
Sort By: Title



Science Objects

Currently displaying items: 1 - 20 of 32

1 2 [Next](#)



Energy in
Atoms

Atomic Structure: Energy in Atoms

Type: Science Object

Days Remaining: Unlimited

Grade: Elementary School, Middle School, High School

Summary: Science Objects are two hour on-line interactive inquiry-based content modules that help teachers better understand the science content they teach. This Science Object is the third of three Science Objects in the Atomic Structure SciPack. It investigates...

- Email to a Friend
- Add to Collection
- Create Note
- Write Review
- Remove From Library

[My NSTA Resources](#)[My Uploaded Resources](#)[My Resource Collections](#)

Resource Upload

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[Upload a Resource](#)

You are currently using **0.0%** of your **1.5 GB**



You have **1.50 GB** of available space

My Uploaded Resources

[National Data Buoy Center](#)

- Email to a Friend
- Add to Collection
- Create Note
- Delete this Resource

[USDA Fact sheet](#)

Irradiation and Food Safety Answers to Frequently Asked Questions

- Email to a Friend
- Modify Collections
- Create Note
- Delete this Resource

[NSTA Learning Center](#)

NSTA's e-PD portal with over 4,600 professional development resources and tools teachers can use to personalize, manage, and document their growth. Create a free account today. Available to ALL teachers of science regardless of their NSTA membership status.

- Email to a Friend
- Add to Collection
- Create Note
- Delete this Resource

[Deepwater Horizon / BP Oil Spill Response](#)

- Email to a Friend
- Modify Collections
- Create Note
- Delete this Resource

Share a Collection

My Library: Resource Collections

Welcome, The Learning Center [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

[My NSTA Resources](#)

[My Uploaded Resources](#)

[My Resource Collections](#)

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To create a new collection:

- Click "Start a New Collection" below; fill in the brief form and click "Submit"
- Choose items from your library, our resource search page, or upload your own files to add to the collection
- NOTE: NSTA resources must first be added to your library before they can be added to a collection**
- For more help view the [My Library Help Guide](#) (1.24 MB PDF) to see screen shots and step-by-step instructions



My Collections



Collections Shared With Me

[Start a New Collection](#)

| Title | Created |
|--|-----------|
| Climate Change 8 items | 9/3/2010 |
| Climate Change Here and Now: 7 items | 9/10/2010 |
| Earth Day 10 Resources for Teachers of Science 9 items | 4/12/2010 |
| FDA/CFSA: Food Irradiation 7 items | 9/10/2010 |
| NSTA REPORTS Freebies Column: Nov. 2010 3 items | 9/20/2010 |

| Title | Shared by | Shared |
|--|---------------------|-----------|
| Climate Change Here and Now: 7 items | The Learning Center | 9/10/2010 |
| FDA/CFSA: Food Irradiation 7 items | The Learning Center | 9/10/2010 |
| SCIENCE CLASS Elementary Edition: Oct. 2010, Process Skills 8 items | The Learning Center | 9/13/2010 |
| Summer PD Resources 5 items | Flavio Mendez | 5/4/2010 |

My Library:

Welcome, The Learning [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

My NSTA Resources

My Uploaded Resources

My Resource Collections

Climate Change

- [Back to All Collections](#)
- [Edit Collection Name/Description](#)
- [Delete Collection](#)

Intended for: Elementary, Middle, High school

- [Share this Collection](#)
- [Make this Collection Private](#)

Currently displaying items: 1 - 8 of 8

Sort By: Title



Archive: Climate Change/NSTA Symposium: Earth Then, Earth Now: Our Changing Climate, New Orleans, Louisiana: March 19, 2009

Type: Symposia Archive

Days Remaining: Unlimited

Grade: Middle School, High School, Informal Education

Summary: During this half-day Symposium, scientists and education specialists from SRS, NOAA, and USFS talked about the basic science behind our understanding of climate change, and global impacts on the atmosphere, ecosystems (particularly forests), and oceans...

- [Email to a Friend](#)
- [Modify Collections](#)
- [Create Note](#)
- [Write Review](#)
- [Remove From Collection](#)

My Library:

Welcome, The Learning [Log Out](#)

Welcome to your collection of professional development resources. Select from the links and tabs below to access your NSTA resources, your uploaded items, organize them into collections, and then share your collections with others.

[My NSTA Resources](#)

[My Uploaded Resources](#)

[My Resource Collections](#)



Climate Change

- [Back to All Collections](#)
- [Edit Collection Name/Description](#)
- [Delete Collection](#)

Intended for: Elementary, Middle, High school

- [Make this Collection Private](#)

Need to share with one person?

Email of recipient:

Additional note: (optional)

Need to share with multiple people?

Copy the URL below and paste it into your email client. You are free to share this URL with anyone. When the recipient visits the link, they will be taken to a view of this collection. They will be able to save the collection to their own library if they log in or register.

<http://learningcenter.nsta.org/share.aspx?id=mmwEWoQaE2>

[Share](#)

[Cancel](#)





Create and Share a Collection

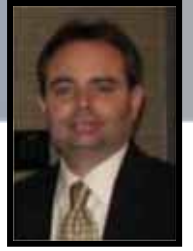


- Recover password
- Submit a ticket
- *How to Guide* - files
- System Check
- FAQ
- Phone Support
(M-F), 9 am – 6 pm ET





**Let's pause for
questions about your
Learning Center
Library**



What's next for the Learning Center?

Learning Center **Community**

Learning Center Online Advisors

- 30 educators provide support
- live and asynchronous
- 7 days/week; ~60 hours/week

Wendy Ruchti

Wendy Ruchti has been part of the Educational Foundations Department at Idaho State University's College of Education since 2008. She received a PhD in Education from the University of Idaho in 2005 with an emphasis in curriculum and instruction in STEM education. At ISU, she has taught several educational foundations courses. Her research interests include elementary science education and creating collaborative online learning environments. Before coming to ISU, she taught middle school science and math.



Lara Smetana

Lara Smetana is an assistant professor of science education at Southern Connecticut State University. She brings classroom experience as an 8th grade physical science teacher and has worked with a variety of informal education programs across the country. Lara teaches courses in elementary science methods and educational technology and mentors student teachers. Her research interests include pre- and in-service teacher education and the use of educational technology in science teaching and learning.

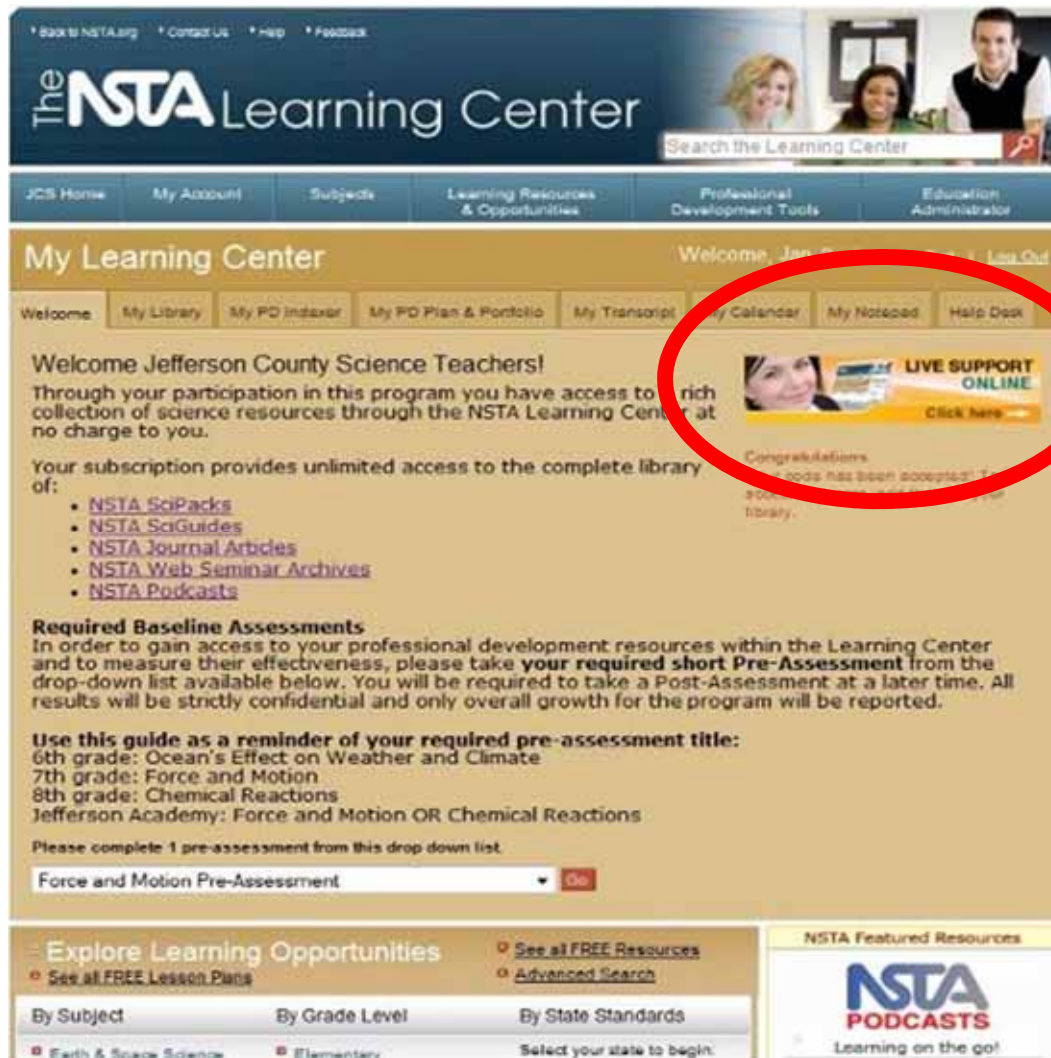


Kathy Sparrow

Dr. Kathy Sparrow is currently an adjunct professor at Florida International University (FIU), teaching Elementary Science Methods. She previously worked as a middle and high school science teacher as well as the Science Supervisor for Akron Public Schools. She was a Regional Director for SECO, served on the NSTA Board of Directors and was president of the National Science Education Leadership Association (NSELA). Kathy was also awarded the Outstanding National Science Supervisor Award in 1999.



Live Support



The screenshot shows the NSTA Learning Center website. At the top, there's a navigation bar with links like 'Back to NSTA.org', 'Contact Us', 'Help', and 'Feedback'. Below this is a header with 'The NSTA Learning Center' and a search bar. A secondary navigation bar includes 'JCS Home', 'My Account', 'Subjects', 'Learning Resources & Opportunities', 'Professional Development Tools', and 'Education Administrator'. The main content area is titled 'My Learning Center' and includes a welcome message for 'Jefferson County Science Teachers!'. It lists various resources available to subscribers, such as NSTA SoPacks, NSTA SoGuides, NSTA Journal Articles, NSTA Web Seminar Archives, and NSTA Podcasts. There's also a section for 'Required Baseline Assessments' with a dropdown menu for selecting a pre-assessment. At the bottom, there are sections for 'Explore Learning Opportunities' and 'NSTA Featured Resources'.



- One-on-one live chat with Online Advisors
- Online Advisors can help LC users identify e-PD resources



The NSTA Learning Center

Welcome to Online Support!

Fields marked with * are required

Please select the department you would like to reach:

☐ Online Advisor ☒ Online!

Your Name:

Jay

*

Your Question:

Do you have Life Science resources in
the Learning Center?

*

Start Chat

Powered by ProvideSupport.com





The NSTA Learning Center

Currently in room: Jay, Flavio Mendez, Senior Director



Jay:

Do you have Life Science resources in the Learning Center?



Call accepted by operator Flavio Mendez, Senior Director. Currently in room: Jay, Flavio Mendez, Senior Director.

Flavio Mendez, Senior Director:

Hello Jay, this is Flavio Mendez. Thank you for visiting the Learning Center.

Flavio Mendez, Senior Director:

Have you tried using the Advanced Search to find what you are looking for?

Jay:

Yes, wondering if you had something I can use to review "cells?"

Flavio Mendez, Senior Director:

Check out this Science Object: [http://learningcenter.nsta.org/product_detail.aspx?](http://learningcenter.nsta.org/product_detail.aspx?id=10.2505/7/SCB-CSF.1.1)

[id=10.2505/7/SCB-CSF.1.1](http://learningcenter.nsta.org/product_detail.aspx?id=10.2505/7/SCB-CSF.1.1)

Jay:

This is very helpful, thanks.

Flavio Mendez, Senior Director:

Anything else that I can help you with today?

Jay:

No thanks!

Jay:

Good bye

Flavio Mendez, Senior Director:

Thank you for visiting the Learning Center.

Send



Discussion Forums (*asynchronous*)

- Four public forums
- In-depth discussions about content, classroom practice, and e-PD resources
- Online Advisors participate in the discussion

The screenshot shows the NSTA Learning Center website. At the top, there's a navigation bar with links: Back to NSTA.org, Contact Us, Help, and Feedback. Below this is the 'The NSTA Learning Center' header with a search bar and a photo of three people. A secondary navigation bar includes links for CEMSS-7 Home, My Account, Subjects, Learning Resources & Opportunities, Professional Development Tools, and Education Administrator. Below the navigation bar is a 'NSTA Learning Center Discussion' section. It features a 'LIVE SUPPORT ONLINE' banner with a 'Click here' link. Below the banner, it states '1 person currently browsing this forum'. A paragraph explains that users can post to existing topics or start new ones, and that all NSTA resources, personally uploaded resources, and collections may be shared and commented upon within these discussions. A table lists four forums: Life Science, Physical Science, Earth and Space Science, and General Science. Each forum entry includes a folder icon, the forum name, a description ('A public forum.'), the number of topics and posts, and the last post information (author, date, and time). At the bottom of the table, there is a 'Who is Online' section.

| Forum | Last Post |
|--|---|
| Life Science A public forum. | 1 Topics 5 Posts by Katherine Zimmerman Tue Oct 12, 2010 4:16 PM Cell Structure and Function Activity NSTA Resource |
| Physical Science A public forum. | 3 Topics 11 Posts by Adah Stock Wed Oct 13, 2010 11:43 PM Low Cost Chemistry Labs |
| Earth and Space Science A public forum. | 4 Topics 13 Posts by Learning Center Online Advisors Yesterday, 5:20 PM The Solar System |
| General Science A public forum. | 1 Topics 1 Posts by Alyce Dalzell Thu Oct 07, 2010 11:31 AM NASA Webcasts |

<http://learningcenter.nsta.org/discuss>



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| | Earth & Space <i>8 Topics</i> | Physical <i>6 Topics</i> | Life <i>5 Topics</i> |
|------------------|--|--|---|
| Completed | <ul style="list-style-type: none">▪ Earth, Sun & Moon▪ Gravity & Orbits▪ The Solar System▪ The Universe▪ Weather & Climate▪ Rock Cycle▪ Plate Tectonics▪ Earth's Changing Surface | <ul style="list-style-type: none">▪ Force & Motion▪ Energy▪ Nature of Light▪ Chemical Reactions▪ Electric and Magnetic Forces▪ Atomic Structure | <ul style="list-style-type: none">▪ Cell Structure & Function▪ Coral Reef Ecosystems▪ Science of Food Safety▪ Resources & Human Impact▪ Nutrition |

The NSTA Learning Center

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fmendez@nsta.org

Questions?



<http://learningcenter.nsta.org>



Thank you to the sponsor of
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