

**This WTTW CAB presentation provides information about educational resources within the PBS network.**

**It is a self guided tour. Please click to advance to the next slide.**

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BLOGS | EVENTS | SHOP WTTW

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home schedule video programs a-z about support

NEWS CHICAGO ARTS ENTERTAINMENT

Monday, June 11, 2012 - 86°F



**Chicago Tonight**  
Local news and in-depth reporting.  
Weekdays at 7:00 pm



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Features



Chicago Tonight Stay informed about local/national events.



Architect Michael Graves: A Grand Tour Geoffrey's new doc!



Ed Slott's Retirement Rescue at 8:00! Pledge for the DVD.

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McAfee Site Advisor

Sudoku Prizes Smiley Central MyFun

Explore film at Siskel Film Center.

Great Treasure Hunt Sweepstakes London Luxury!

**Missed Chicago Tonight? Watch complete, archived episodes online**

**View daily TV schedule**

# CHICAGO TONIGHT

Watch Full Programs



- > Chicago Tonight airs on WTTW11 weeknights at 7pm
- > Election 2012
- > Join the discussion
- > Watch online

**Watch Chicago Tonight**

on your iPad & iPhone

Chicago Tonight: The Week in Review: 6/8  
 On this edition of Chicago Tonight: The Week in Review with Phil Ponce, a bill awaiting Gov. Pat Quinn's signature would help prosecutors bring down gang leaders. Chicago teachers cast their ballots on whether to authorize a strike vote. Teenagers...

**More Video**

- 1
- 2
- 3
- 4
- 5
- 6

**Gov. Walker Wins Recall Election**  
 - Wisconsin's Scott Walker is the only governor in U.S. history to fight off a recall...

## WTTW Schedules

Monday June 11

NOW	TONIGHT
11 WTTW	
2:00pm	<b>Dinosaur Train</b> <i>The Old Spinosaurus &amp; the Sea; A Spiky Tail Tale</i>
2:30pm	<b>Martha Speaks</b> <i>Truman's Mad; Dog for a Day</i>
3:00pm	<b>The Cat in the Hat Knows a Lot About That!</b> <i>Thump; Squirreled Away</i>
3:30pm	<b>Curious George</b> <i>George Meets the Press; Snow Use</i>
4:00pm	<b>Arthur</b> <i>Muffy's Classy Classics Club; Best Enemies</i>
4:30pm	<b>Arthur</b> <i>Looking for Bonnie; The Secret Origin of Supernova</i>
11.1 WTTW HD	
11.2 WTTW Prime	
11.3 WTTW Create	
11.4 WTTW V-me	

[VIEW FULL TV SCHEDULES](#)  
[EDIT PREFERENCES](#)

## Events

**Check, Please!** presents 2012 Taste of Chicago

Join Geoffrey Baer on the 99th floor of the Willis

## Watch Online

**Independent Lens**  
 Left by the Ship

# Online and video information

## Events



Check, Please! presents 2012 Taste of Chicago "Popup Restaurants" WTTW is proud to partner with Taste of Chicago in a unique way this year. [more >](#)



Join Geoffrey Baer on the 99th floor of the Willis Tower for lunch and a presentation about Chicago's Loop. [more >](#)

[> View all events](#)

## Arts



A Public Treasure With the wave of an artistic wand Archi-treasures helps Chicagoans brighten up their communities. [more >](#)



Homecoming King Decatur, the Soybean Capital of the World, is trying to plant a different image of itself in people's minds. [more >](#)

[> View more arts](#)

## Kids & Family



Link of the Week Build-a-Lair with WordGirl! [more >](#)



Video of the Week Get ready for the Super Why "Around the World Adventure." [more >](#)

[> All kids & family](#)

## Watch Online



**Independent Lens**  
Left by the Ship



**American Masters**  
Johnny Carson: King of Night



**Chicago Tonight**  
The Pop Art of Roy Lichtenstein



**Nature**  
Cracking the Koala Code



**NOVA**  
The Great Inca Rebellion

[← PREVIOUS](#)

[MORE >](#)

**CHECK, PLEASE!** PRESENTS  
The 2012 Taste of Chicago  
**POPUK RESTAURANTS**  
July 11-15 11:00 am-8:30 pm



http://www.wttw.com



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KIDS & FAMILY NEWS CHICAGO ARTS ENTERTAINMENT

Monday, June 11, 2012 - 86°F



**Chicago Tonight**  
Local news and in-depth reporting.  
Weekdays at 7:00 pm



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**Features**



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**Check, Please!**

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Keyword >Go

Tuesday, June 12, 2012 - 75°F

Here you'll find a wealth of programs from...

# Programs A-Z



ALL 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

- A Program About Unusual Buildings and Other Roadside Stuff
- A Ride Along the Lincoln Highway
- ADD and Loving It?!
- Al Jazeera English
- Albert King With Stevie Ray Vaughan in Session
- Alone in the Wilderness
- Alone in the Wilderness, Part 2
- America's Test Kitchen
- American Woodshop
- Angelina Ballerina: The Next Steps
- Antiques Roadshow
- Around the House With Matt and Shari
- Around the World in 80 Trades
- Arsenic and Old Lace
- Art Wolfe
- Arthur
- Arts Across Illinois

## Featured Programs



ARCHITECT ROBERT A.M. STERN: PRESENCE OF THE PAST



CATHOLICISM



CEO EXCHANGE



CHECK, PLEASE!



CHICAGO STORIES



CHICAGO TONIGHT

<http://www.pbs.org/teacher>

http://www.pbs.org/teachers



PreK ▾

K-2 ▾

3-5 ▾

6-8 ▾

9-12 ▾

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### Featured Classroom Resources

**American Experience**  
**The Inspiration**  
Learn how Mahatma Gandhi, the leader in the struggle for an independent India, inspired and influenced those working to end racial discrimination in the U.S.

PBS LEARNINGMEDIA  
Resource Set

PBS LEARNINGMEDIA  
Video

PBS TEACHERLINE  
Online Professional  
Development

PBS KIDS  
TV Program & Web  
Content

Introducing PBS LearningMedia™  
A New Way to Find  
**THOUSANDS of FREE**  
Classroom Resources!

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PBS TeacherLine



**Online professional development** for teachers!

Discover new ways to engage students across the curriculum and earn grad credit & CEUs.

Enroll Now

PBS KIDS in the Classroom



PBS Education News



CAPELLA UNIVERSITY *Matter*

Find your grade level(s), your subject, and the topic



PBS Teachers

PreK

K-2

3-5

6-8

9-12

SEARCH

SEARCH

PBS Teachers > 9-12 > Reading & Language Arts

# 9-12 Reading & Language Arts

Classroom Resources

Discussions

Professional Development

The Arts

Health & Fitness

Math

Reading & Language Arts

Science & Tech

Social Studies

## Classroom Resources

Filter resources by:

Topic

Media Type

PBS Programs

Page: 1 2 3 ... 9



the.news:

Source: PBS Ne

Examine how industry has and utilizing

Tags: 6 Journali



the.news:

Source: PBS Ne

Examine how journalism will be reliable and d

Tags: 6 Media S

- Topic
- Creative Thinking
- Critical Thinking Skills
- Debate/Public Speaking
- Drama/Dramatics
- Film
- Folklore
- Grammar
- Journalism
- Literature: American
- Literature: British
- Literature: Literary Terms
- Literature: World
- Media Studies
- Mythology
- Non-Fiction: Biography and Autobiography
- Non-Fiction: Letters, Diaries and Essays
- Organizing Information & Ideas
- Poetry and Poets
- Reading: Reading Comprehension
- Storytelling
- Vocabulary
- Writing: Composition
- Writing: Mechanics

★★★★★

1

Explore how the newspaper coming information portals

Save

Share

★★★★★

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Save

Share



CAPELLA UNIVERSITY *Matter*

CLICK TO LEARN MORE

### Webinar Archive

PBS Teachers Live! Webinars feature education technology experts and PBS producers sharing resources and strategies to help teachers use digital media to engage students





Select



PreK 1-2 3-5 6-8 9-12 SEARCH

PBS Teachers > 9-12 > Reading & Language Arts

9-12 Reading & Language Arts Classroom Resources Discussions Professional Development



Classroom Resources

Filter resources by: Topic Media Type PBS Programs

Page: 1 2 3 ... 95

the.news: Newspapers in the Digital Age (Language Arts) Source: PBS NewsHour Examine how stories are covered and delivered in the digital age... Tags: 6-8, 9-12, Reading & Language Arts, Social Studies, Journalism, Media Studies

- Media Type Article/Essay Audio Glossary Interactive/Online Activity Lesson Plan Offline Activity/Project Resource Set Slideshow Video

A variety of media types

Support for pbs.org provided by: CAPELLA UNIVERSITY Matter CLICK TO LEARN MORE

the.news: Newspapers in the Digital Age (Language Arts) Source: PBS NewsHour Examine how Internet sources have affected traditional print media... Tags: 6-8, 9-12, Reading & Language Arts, Journalism, Media Studies

Webinar Archive PBS Teachers Live! Webinars feature education technology experts and PBS producers sharing resources and strategies to help teachers use digital media to engage students

Check out

AASL's flagship publication, Knowledge Quest  
PBS Resources organized by subject area and topic

### New 9-12 Resources

**Video Analysis: Conservation of Angular Momentum**  
Source: PBS/OPB: Circus  
Learn how conservation of angular momentum helps acrobats to flip and twist. Observe how acrobats in the Big Apple Circus tuck their arms and legs in order to spin faster. [Details](#)  
Tags: 9-12, Science & Tech, Motion & Forces

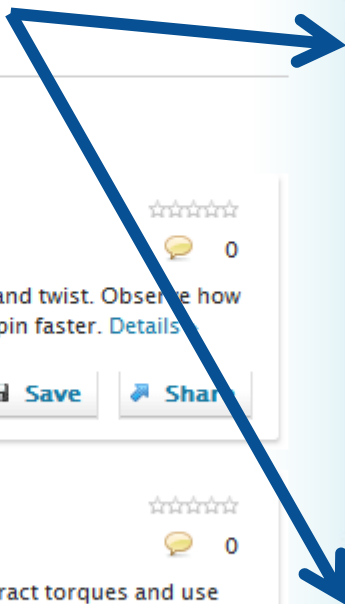
**Video Analysis: Center of Mass**  
Source: PBS/OPB: Circus  
Observe how the acrobats in the Big Apple Circus know how to counteract torques and use their centers of mass to stay balanced. Understand that torques act upon the acrobats and could cause them to rotate and fall out of balance. [Details](#)  
Tags: 9-12, Science & Tech, Motion & Forces

#### Discussion Topics

- The Arts
- Health & Fitness
- Math
- Reading & Language Arts
- Science & Tech
- Social Studies
- Early Childhood Education
- Homeschooling
- Library Media
- Technology
- Talk to PBS Education

#### Access, Analyze, Act: From Economic Theory to Financial Reality

Help your students understand the current economic crisis and how it affects them -- with standards-based lesson plans, case studies, videos,





### Get Up Close and Personal

Source: Oregon Public Broadcasting: Art Beat at School



2

Examine how writing developed by studying the shapes used in ancient scripts and consider how writing can be incorporated with the visual arts. Create a sketchbook or journal of daily life using rubbings and make a layered collage. [Details »](#)

Tags: 6-8, 9-12, The Arts, Reading & Language Arts, Creative Thinking, Visual Arts, Creative Thinking, Writing: Composition



### For the Love of Publication

Source: Oregon Public Broadcasting:



0

Discover the passion behind self-publishing and consider how creative writing can affect a community and give voice to something the writer feels strongly about. [Details »](#)

Explore

Save

Share



### We of the Sea

Source: Oregon Public Broadcasting: A



0

Discover the oral tradition of poetry and culture and history. Explore tribal Native American stories about fishing and tell your own stories. [Details »](#)

Tags: 6-8, 9-12, The Arts, Reading & Language Arts, Storytelling, Poetry and Poets, Writing: Composition

Share

help teachers use digital media to engage students in rich learning experiences. Recordings of all of our previous events are available on the archive page.

[Visit the archive »](#)

### Activity Packs

Activity Packs are a growing library of theme-based widgets containing links to high-quality PBS resources and activities for multiple grade levels. If you like one, grab it!



#### Great American Authors

Delve into works by authors Maurice Sendak, Ralph Ellison, Katherine Porter and F. Scott Fitzgerald.



#### Shakespeare and the Renaissance

Explore the Elizabethan era as it relates to William Shakespeare's plays and sonnets.

[All Activity Packs »](#)

### Discussion Topics

- Reading & Language Arts
- Homeschooling
- Library Media
- Technology


Read about and use Activity Packs

Discussion Topics are in each subject

http://www.teachersdomain.org

FEATURED RESOURCE:

TEACHERS' DOMAIN Religion & Ethics NEWSWEEKLY on TEACHERS' DOMAIN



Restoring the Torah  
Video for grades 6-12

Teachers' Domain is a free digital media service for educational use from public broadcasting and its partners. You'll find thousands of media resources, support materials, and tools for classroom lessons, individualized learning programs, and teacher professional learning communities.

WHAT'S NEW

**Environmental Public Health**  
Summer is in the air, but what else exactly? Check out these popular interactives exploring the **Air Quality Index** and **Unintended Chemical Exposures**.

**Advanced Technological Education (ATE)**  
Connect your students to rewarding STEM-related careers through the ATE collection, including this self-paced **career planning lesson**.

Address Common Core with **PBS LearningMedia**

Free digital media service

Browse by subject or Standards

FEATURED MEDIA FROM:

NATIONAL K-12 SUBJECT

- Arts
- Health and Physical Education
- English Language Arts
- Mathematics
- Science
- Social Studies

PROFESSIONAL DEVELOPMENT

- Online Courses

RESOURCES BY STANDARD

Browse Teachers' Domain resources by your individual state educational frameworks, national standards, or by Common Core State Standards.

**Browse by Standards**

SPECIAL COLLECTIONS

PUBLIC MEDIA SERIES

- PRI's The World**  
Listen to science-related audio podcasts from *PRI's The World*.

STATE AND LOCAL COLLECTIONS

- Alaska Native Perspectives on Earth & Climate**  
See Native and Western scientific perspectives on Alaska's unique geology and the impacts of climate change and development.

CURRICULUM TOPICS AND THEMES

- Advanced Technological Education**  
Learn about 21st Century technological skills and

SEARCH TEACHERS' DOMAIN

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MY PROFILE

HELP

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Sign-in Name:

Organization:

[Change Organization](#)

Password:

SIGN IN

[Forgot Your Password?](#)

## Mathematics:

Divided into subtopics below



+ **Number and Operations** (9)

+ **Algebra** (31)

+ **Geometry** (41)

+ **Measurement** (51)

+ **Data Analysis and Probability** (41)

National K -12 Subject

Arts

English Language Arts

Mathematics

Science

Social Studies

See Also

Professional Development

Resources by Standard

Special Collections

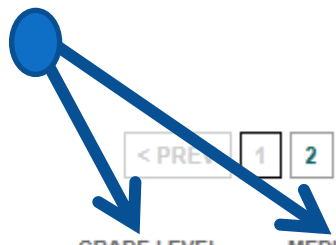
**FILTER RESULTS**  
Add/remove filters to refine your search










- Grade Level:
- Content:
  - National K -12 Subject
  - Mathematics
  - Algebra
    - Equations and Inequalities (10)
    - Functions (4)
    - Patterns (14)
    - Variables and Expressions (13)
- Media Type:
- Permitted Use:
- Accessibility Features:

- See Also:
- National K -12 Subject
  - Professional Development
  - Resources by Standard
  - Special Collections

## Browse results: Algebra

RESULTS 1-20 OF 29    SHOW 20 | 50 | 100 PER PAGE



RESOURCE	GRADE LEVEL	MEDIA TYPE
 <b>From Patterns of Input and Output to Algebraic Equations</b> Students explore the relationship between input and output values and learn to use algebraic expressions and equations.	4-8	Lesson Plan <a href="#">VIEW</a>
 <b>Arrangement 1</b> The CyberSquad tries to figure out a table arrangement for 20 workers in this video from <i>Cyberchase</i> .  Accessibility features: Transcript	4-8	Video <a href="#">VIEW</a>
 <b>Arrangement 2</b> In this video segment from <i>Cyberchase</i> , Matt tries for a second time to arrange tables and chairs to accomodate 20 workers.  Accessibility features: Transcript	4-8	Video <a href="#">VIEW</a>
 <b>Arrangement 3</b> Matt's third table arrangement helps fit all 20 workers at five tables in this video segment from <i>Cyberchase</i> .  Accessibility features: Transcript	4-8	Video <a href="#">VIEW</a>
 <b>Balancing Equations with Multiple Terms</b> In this video segment from <i>Cyberchase</i> , Digit and Inez must balance two number sentences to save the bunnies of Cyberspace.  Accessibility features: Transcript	3-6	Video <a href="#">VIEW</a>

# Media Types



## Frog Hops, Part 2

In this video from *Cyberchase*, the CyberSquad must figure out the new input/output pattern on Hacker's larger cyberfrog.



Accessibility features: Transcript

4-8

Video

[VIEW](#)



## The Importance of Patterns

Students are introduced to several geometric shapes, patterns of geometric shapes and numbers and patterns of beats that make up rhythms.

3-6

Lesson Plan

[VIEW](#)



## Inverse Square Law

This animation from KET's distance learning physics course demonstrates the mathematical formula for a scientific law as it applies to light.



6-12

Interactive

[VIEW](#)



## Lifting with Levers

In this *Cyberchase* video segment, the CyberSquad figures out how to use a lever to help them remove a stack of heavy objects blocking their path.



Accessibility features: Transcript

3-6

Video

[VIEW](#)



## Linking Number Patterns and Algebraic Expressions

Students practice using algebraic expressions by recording data from a video segment in which two staircases ascend at different rates. They record the patterns in two-column tables, draw line graphs and write simple algebraic relations.

5-8

Lesson Plan

[VIEW](#)



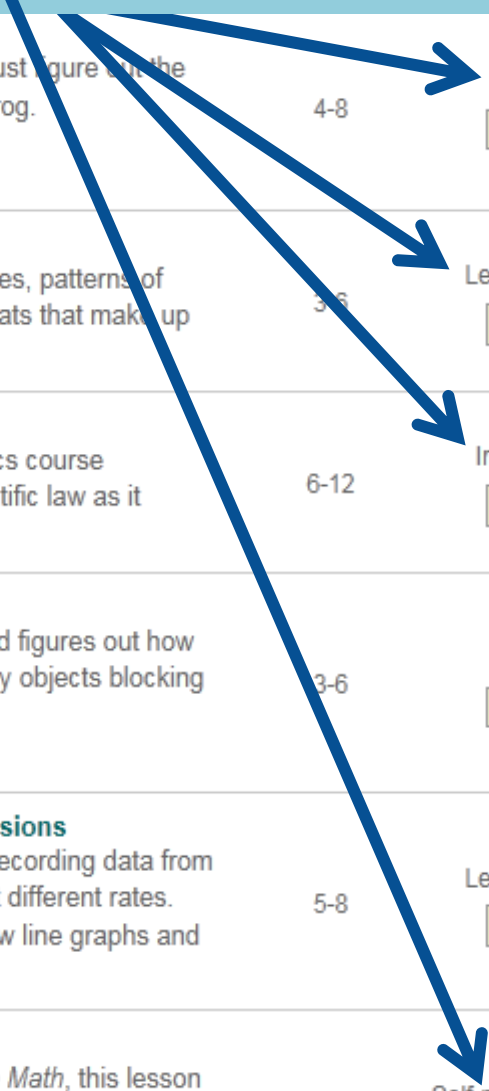
## Math in Fashion

Using segments and web interactives from *Get the Math*, this lesson helps students see how Algebra I can be applied to the world of fashion, challenging them to use algebraic concepts and reasoning to modify garments and meet target price points.

7-10

Self-paced Lesson

[VIEW](#)



## What's New!

### **PBS IN EDUCATION**

#### **PBS LearningMedia: Available to Every Classroom in 2012**

As America's largest classroom, PBS and WGBH, along with other PBS member stations, just launched PBS LearningMedia, a new public media education platform available to every teacher and student across the country in time for the 2011-2012 school year. Bringing together the best available high-quality media from 1,500 public media producers and more than 350 local PBS stations. PBS LearningMedia is a next-generation digital media platform for PreK-16 classrooms to help re-imagine classroom learning, transform teaching, and more creatively engage students.

<http://pbslearningmedia.org>



### Browse Collection by Subject

Click to see a collection of tens of thousands of resources by subject area.

Arts

English Language Arts

Health and Physical Education

Mathematics

Preschool

Professional Development ★

Science

Social Studies

The Learning Registry ★

[Browse All Subjects](#)

### About PBS LearningMedia™

PBS LearningMedia™ is your destination for easy, instant access to tens of thousands of classroom-ready, digital resources including videos and interactives perfect for the Interactive Whiteboard, plus audio and photos, and even in-depth lesson plans. You can search, save, and share with ease. Best of all, PBS LearningMedia™ is free for educators. Register today!

Learn about

### World History

Cast the lens of history around the globe and back in time. These PBS LearningMedia resources bring your students to diverse historical moments.



#### Archaeology

Interpret the significance of objects found in King Tut's tomb and hear how scientists extrapolate the ways he might have lived from these clues left by history.

Grades 4-6  
Video and Discussion

### What's New

- Where can you go to **hear from poets** like Billy Collins and Rita Dove? No need for a trip to the café – take your pick from the PBS LearningMedia library.
- You just finished the book – now what? Uncover insights from the authors themselves with these one-on-one **"Meet the Author"** interviews.
- Need some quick ideas on how to integrate media into your Language Arts class? Try these **step-by-step lesson plans**.

Find out

### Training & Professional Development

S  
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**Grade Levels**

<input type="checkbox"/> PreK (82)	<input type="checkbox"/> 7 (1109)
<input type="checkbox"/> K (133)	<input type="checkbox"/> 8 (1118)
<input type="checkbox"/> 1 (149)	<input type="checkbox"/> 9 (1109)
<input type="checkbox"/> 2 (95)	<input type="checkbox"/> 10 (1106)
<input type="checkbox"/> 3 (205)	<input type="checkbox"/> 11 (1103)
<input type="checkbox"/> 4 (521)	<input type="checkbox"/> 12 (1099)
<input type="checkbox"/> 5 (554)	<input type="checkbox"/> 13+ (453)
<input checked="" type="checkbox"/> 6 (846)	


**Subjects**

- Science (846)
- Earth and Space Science (846)
- Earth System, Structure, and Processes (537)
- Earth in the Universe (158)
- Nature and History of Science (7)
- Water Cycle, Weather, and Climate (273)

**Media Type**

- Audio (35)
- Document (20)
- Image (94)
- Interactive (157)
- Video (590)

Showing 81-100 of 846 < prev 1 ... 3 4 5 6 7 ... 43 next >

 **California's Water Supply** Favorite

This resource developed from KQED's QUEST, uses California's delicately balanced watershed as an example of how the water cycle operates.

Video (7:29) Grade Levels 6-12


From Quest

 **California Turns to Holland for Flood Expertise** Favorite

With climate change, California's Sacramento delta faces a future of catastrophic flooding: "All Things Considered" audio broadcast.

Audio Grade Levels 4-12

From NPR

 **Capturing Carbon** Favorite

In this video segment adapted from NOVA scienceNOW, a scientist, inspired by his daughter's science fair project, develops a synthetic "tree" to remove excess carbon dioxide from the air.

Video (5:25) Grade Levels 6-12

From Nova Science Now

 **Capturing Carbon: Where Do We Put It?** Favorite

In this interactive activity from NOVA scienceNOW, explore options for storing carbon dioxide in order to prevent further global warming.

Interactive(790x620) Grade Levels 6-12

From Nova Science Now

# Options

**Resource Type** ▾

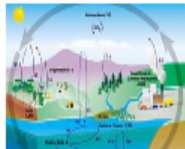
- Lesson Plan (46)

**Languages** ▾

- English (845)
- Spanish (14)

**Accessibility** ▾

- Alt Text (6)
- Audio Description (15)
- Caption (299)
- Full Keyboard Control (15)
- Full Mouse Control (87)
- Has Display Transformability (41)
- Long Description (22)
- No Display Transformability (113)
- Transcript (32)



Image(540x417)

## Carbon Cycle Diagram

This diagram from NASA Earth Science Enterprise illustrates Earth's carbon cycle.

Grade Levels 6–12

Favorite



Video (5:03)

## Carbon-Fiber Car of the Future

In this video segment adapted from NOVA, find out how cars made of a material stronger than steel and half the weight can help combat climate change.

Grade Levels 6–12

From Nova

Favorite



Lesson Plan  
Video, Interactive

## Careers in Science

In this media-rich lesson, students explore careers in science through profiles of Alaska Native scientists. They consider how traditional ways of knowing and Western approaches to science can complement each other and allow students to incorporate their own interests when considering careers in science.

Grade Levels 3–12

Favorite



Video (5:42)

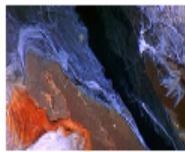
## Cave Formation: Biogeochemical Cycles

This video segment adapted from NOVA chronicles the discoveries that led to a radical new theory in which living organisms, not just geological processes, play an active role in cave formation.

Grade Levels 6–12

From Nova

Favorite



Video (4:12)

## Cave Formation: Kane Cave

This video segment adapted from NOVA describes a simple experiment that confirmed the idea that microbes can accelerate the biogeochemical process of cave formation.

Favorite

# Websites:

<http://www.wttw.com>

<http://www.pbs.org/teachers>

<http://www.teachersdomain.org>

<http://www.pbslearningmedia.org>



That's a  
wrap!

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