



Enhancing Instruction with MediaCAST

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About Inventive Technology

- ▶ Headquartered at the foot of the Rockies in Westminster, CO
- ▶ Serving hundreds of K-12 schools and districts since 2002
- ▶ Recognized leader in IP-based integrated learning solutions



What is MediaCAST?

Content sourced



Stored on, streamed from and cataloged on a server



Used on-demand in the classroom, and beyond



MediaCAST in Your Classroom

- ▶ On-Demand media is an added tool for teachers
- ▶ Digital TV brings both live and recorded programs to the classroom
- ▶ School districts can administer and manage license-protected content



Learning Objectives

Login



Open your browser, navigate to MediaCAST, and login

Search



Find media to include in your lesson planning

View



Preview resources or share resources in the classroom

Use Tools



Reserve, add a favorite, create a segment, build a URL, or link to a standard

Login



- ▶ Navigate to your MediaCAST login page i.e.:
<http://mediacast.cpsd.us>
- ▶ Use your school login for access to MediaCAST

Home Page

Welcome, Default Instructor [My Settings](#) [Contact](#) [Help](#) [Logout](#)

Northbrook High School

Quick Search

[Digital Library](#) [Live TV](#) [Apps](#) [Portal](#)

Home >

[Browse All](#) [My Uploads](#) [My Favorites](#) [My Reservations](#) [Digital TV](#)

NARROW YOUR SEARCH:

Clear All

Categories

- Art
- Communications
- Guidance/Careers
- Language
- Language Arts
- Math
- Prof Development
- Science
- Social Studies
- Sports
- Technology
- TV Channels
- Visual and Performing Arts

[Show more](#)

Showing 1-25 of 1273 records

A Drop Of Water

A single droplet can contain a whole nature reserve of minute, weird and beautiful animals. Though a few are visible to the unaided eye, you need special techniques to see, and film, most of them.

Author: CCC!
Publisher: New Dimension Media
Duration: 00:25:00
Copyright: 1997
Categories: [nce](#) [Biology](#) [Ecology](#) [Earth/S](#)

Aids: Learn For Your Life

Home Page (cont.)

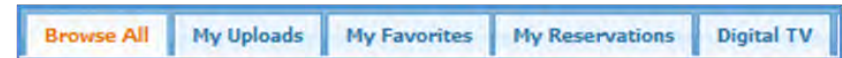
► Use different tools in your digital library to browse, search and filter:

- *Navigation Menu*
- *Custom Tabs*
- *Quick Search*
- *Narrow Your Search*

Navigation Menu



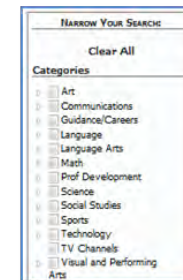
Custom Tabs



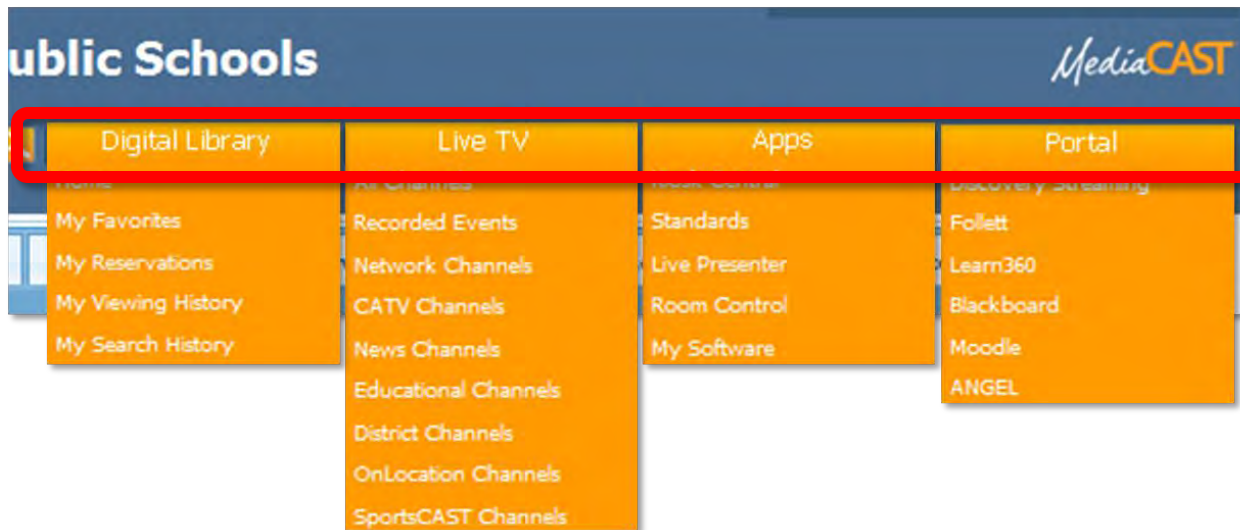
Quick Search



Narrow Your Search

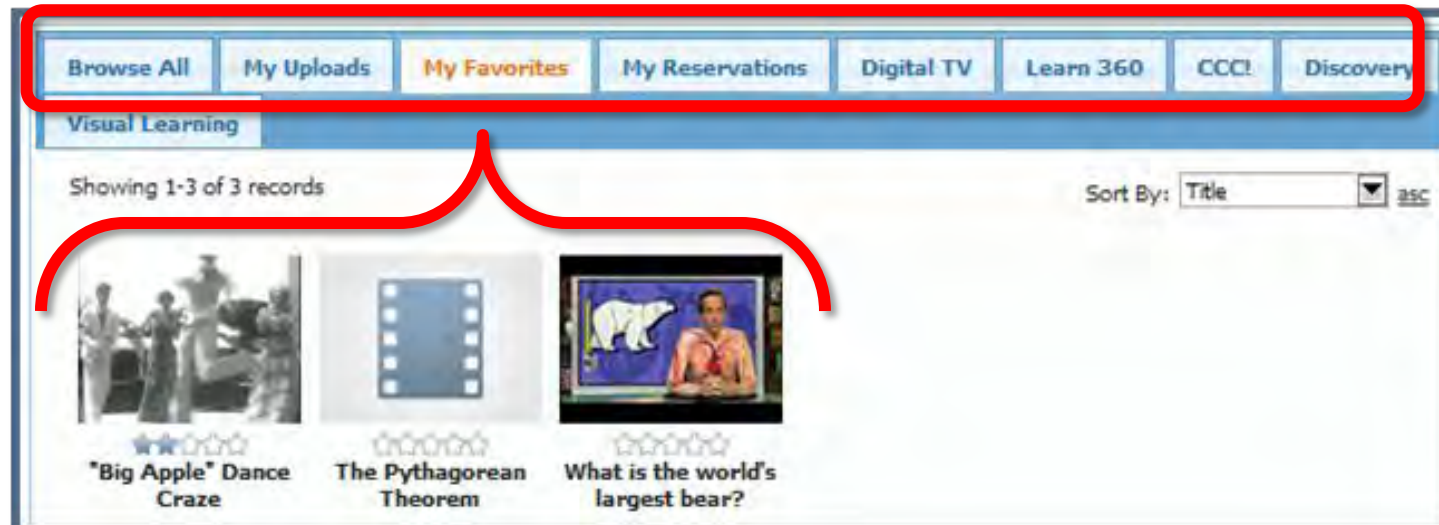


Navigation Menu



- ▶ Main Navigation Menu consists of 4 major dropdown menus
- ▶ Header buttons are not active links

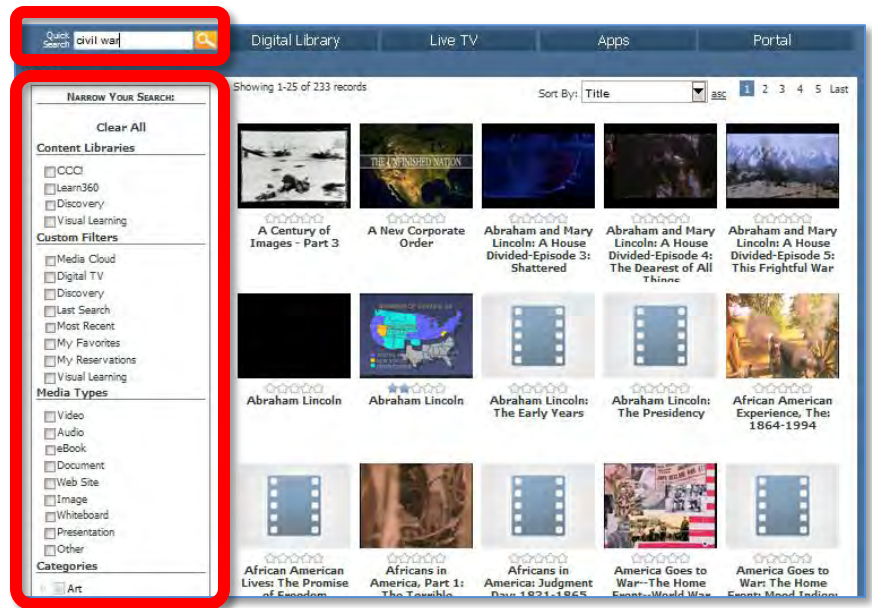
Custom Tabs



- ▶ Use the Custom Tabs to specify your view of resources - choose from:
 - *My Uploads*
 - *My Reservations*
 - *Digital TV*
 - *My Favorites*
 - Third Party Content

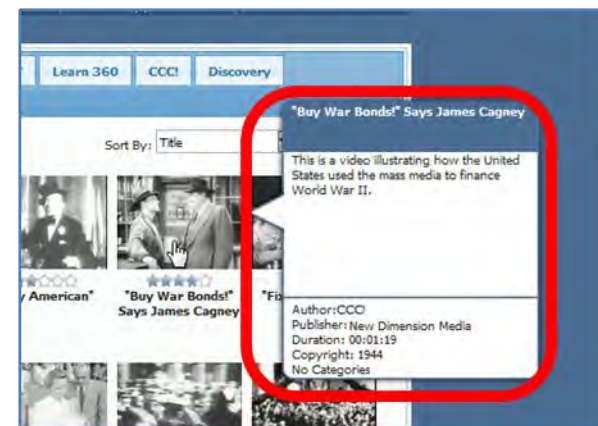
Searching

- ▶ Use *Quick Search* for a repetitive keyword search
- ▶ *Narrow Your Search* by selecting items in:
 - *Content Libraries*
 - *Custom Filters*
 - *Media Types*
 - *Categories*
 - *Publisher*
 - *Copyright Year*
 - *Grade Range*



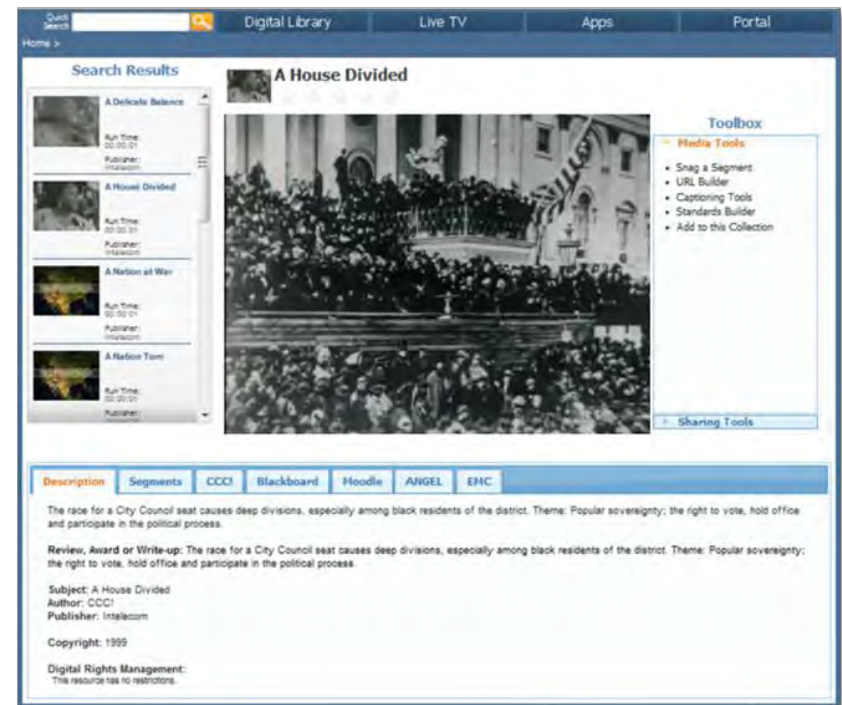
Searching (cont.)

- ▶ Check off Categories to narrow your search
- ▶ Click on the expanders to view up to three sub-categories
- ▶ View a resource's details by hovering over thumbnails



View Resources

- ▶ Click on thumbnails to open the Resource Page
- ▶ Streaming media will play automatically in the preview window



The screenshot displays a digital library interface with a search results page. The main content area features a large video thumbnail titled "A House Divided" showing a crowd of people in front of a building. To the left, there is a list of search results with thumbnails and metadata for "A Delicate Balance", "A House Divided", "A Nation at War", and "A Nation Torn". To the right, a "Toolbox" section lists "Media Tools" such as "Snag a Segment", "URL Builder", "Captioning Tools", "Standards Builder", and "Add to this Collection". Below the video, a "Description" tab is active, showing a detailed description of the video's content, including a "Review, Award or Write-up" section, "Subject", "Author", "Publisher", "Copyright", and "Digital Rights Management" information.

Search Results

A House Divided

Toolbox

Media Tools

- Snag a Segment
- URL Builder
- Captioning Tools
- Standards Builder
- Add to this Collection

Sharing Tools

Description | Segments | CCC | Blackboard | Moodle | ANGEL | EHC

The race for a City Council seat causes deep divisions, especially among black residents of the district. Theme: Popular sovereignty; the right to vote, hold office and participate in the political process.

Review, Award or Write-up: The race for a City Council seat causes deep divisions, especially among black residents of the district. Theme: Popular sovereignty; the right to vote, hold office and participate in the political process.

Subject: A House Divided
Author: CCC
Publisher: Intelcom

Copyright: 1999

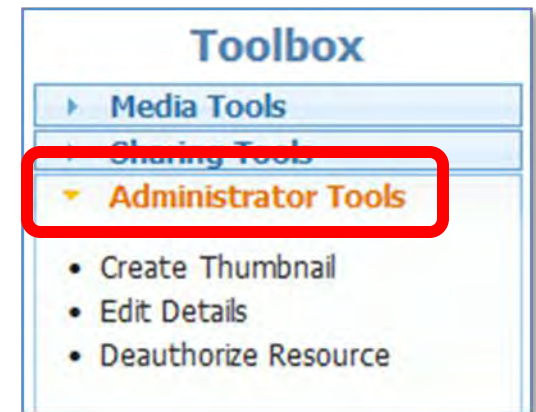
Digital Rights Management:
This resource has no restrictions.

Resource Page

- ▶ View previous *Search Results*
- ▶ Resource *Description* and *Segments* tabs located below preview window
- ▶ *Media Tools, Sharing Tools, and Administrator Tools* (Manager+) are available for each resource in the *Toolbox*



Resource Page Toolbox



- ▶ Media Tools:
 - Snag a Segment
 - URL Builder
 - Captioning Tools
 - Standards Builder
 - Add to this Collection
 - Make a Reservation

- ▶ Sharing Tools:
 - Add to Favorites
 - Micro Blog
 - Share to Cloud/iPad
 - Link to BB/Moodle/Angel

- ▶ Administrator Tools (Manager +):
 - Create Thumbnail
 - Edit Details
 - Deauthorize Resource

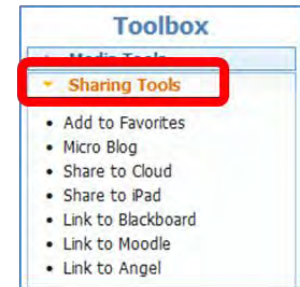
Favorites

Why?

- ▶ Allows quick access to frequently used resources

Create

- ▶ From the Toolbox, click *Sharing Tools* > *Add to Favorites* and add notes



View/Edit

- ▶ View *My Favorites* from the Navigation Menu to view/edit Favorite details
- ▶ View *My Favorites* from the Custom Tabs to view Favorite resource thumbnails



Reservations

Why?

- ▶ Make a reservation for license protected resources

Create

- ▶ Click *Make a Reservation* from the *Media Tools* dropdown menu
- ▶ Specify *Date*, *Begin Time*, *End Time*, and add *Notes*

Make a Reservation

Make a Reservation for 'President Obama's Speech 2010'

Date changed to 06-10-2011.

Please select a date and time window for this reservation.

Date is: 06/10/2011

June 2011						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Begin Time:
09:00 AM

End Time:
10:00 AM

Notes:
Mrs. Tyse; Lesson 2 Unit 7

No current users for this Day and Media Resource.

No reservations yet for this Day and Media Resource.

Reserve

Reservations (cont.)

View/Edit

▶ From the Navigation Menu, click on *My Reservations* to view/edit reservation details



▶ From the Custom Tabs, click on *My Reservations* to view reserved resource thumbnails



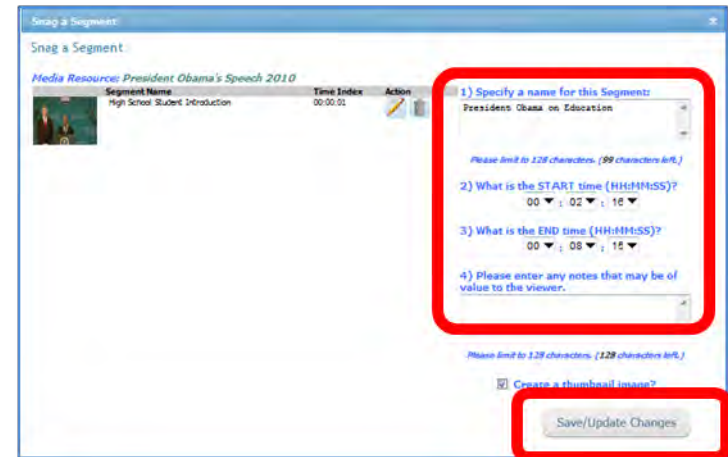
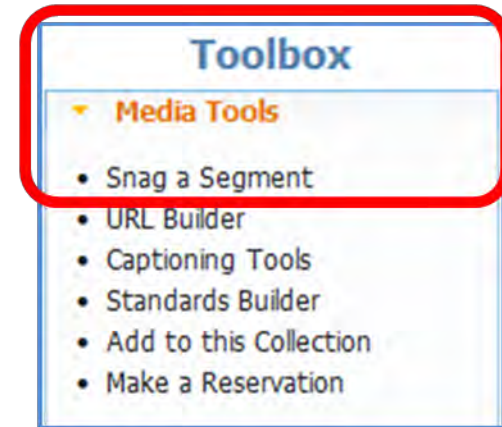
Snag a Segment

Why?

- ▶ Creates a shorter portion of a video that teachers can use in class for better time management

Create

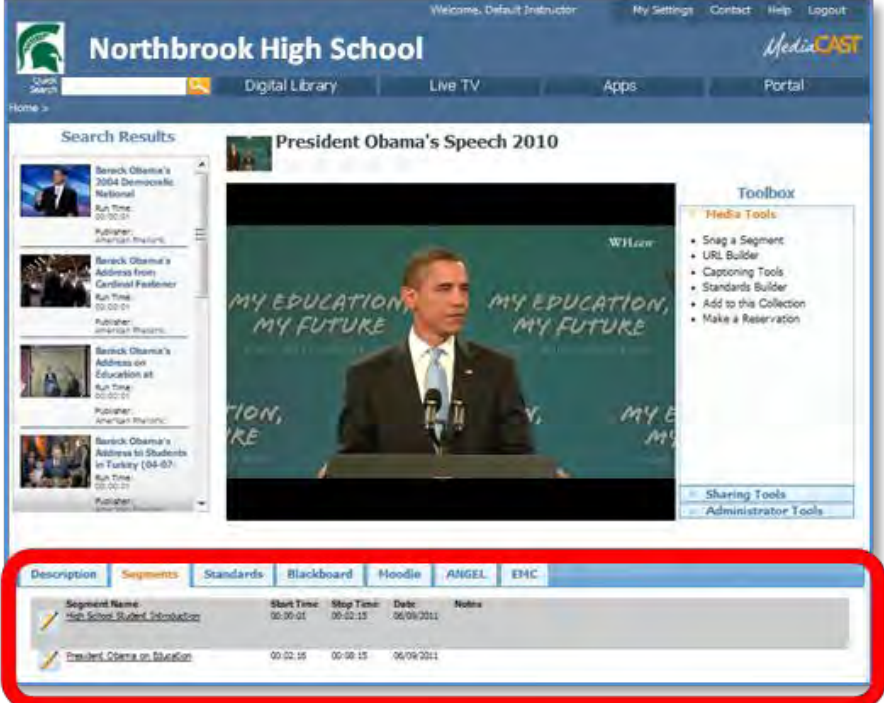
- ▶ In the *Toolbox*, click *Media Tools* > *Snag a Segment*
- ▶ Type in *Title*, *Start/End Time*, and click *Save/Update Changes*



Snag a Segment (cont.)

View/Edit

- ▶ Segments can only be viewed from the Resource page
- ▶ View your segment from the *Segments* tab by clicking on the segment name



The screenshot displays the Northbrook High School MediaCAST interface. The top navigation bar includes 'Welcome, Default Instructor', 'My Settings', 'Contact', 'Help', and 'Logout'. The main content area shows search results for 'President Obama's Speech 2010', featuring a video player and a 'Toolbox' with options like 'Snag a Segment', 'URL Builder', and 'Captioning Tools'. A red box highlights a table at the bottom of the page.

Description	Segments	Standards	Blackboard	Moodle	ANGEL	EMC
Segment Name	Start Time	Stop Time	Date	Notes		
High School Student Introduction	00:00:01	00:02:15	06/09/2011			
President Obama on Education	00:02:16	00:09:15	06/09/2011			

URL Builder

Why?

- ▶ Make a link and embed it in a lesson plan or website

Create

- ▶ In the *Toolbox*, click *Media Tools* > *URL Builder*
- ▶ Choose from two types:
 - *Basic URL Builder*
 - *Advanced URL Builder*
- ▶ Use *Basic URL Builder* and require a login
- ▶ Use *Advanced URL Builder* and input credentials for an auto-login URL

Basic

The screenshot shows the 'URL Builder' window with the following content:

- Title: Build External URL: President Obama's Speech 2010
- Description: The External URL Builder allows you to make a Media Resource available in an external Web site (e.g. WebCT or Blackboard), email or program (e.g. PowerPoint).
- Preview: A box containing the URL `http://192.168.0.138/tight_url.cfm/URLID/755` with a 'Display' button and the text 'Display basic External URL (requires a login)'.
- Form fields: Username, Password, Expiration Date.
- Options:
 - Allow Indefinite Access (No Expiration Date)
 - Jump Directly to a pre-Specified Segment within the Media Resource. Select a Segment: [dropdown menu]
 - Send an email whenever someone accesses this URL. FROM: [text field] TO: [text field]
- Result box: **This is your custom URL.** `http://192.168.0.138/tight_url.cfm/URLID/755`
- Proceed button.

Advanced

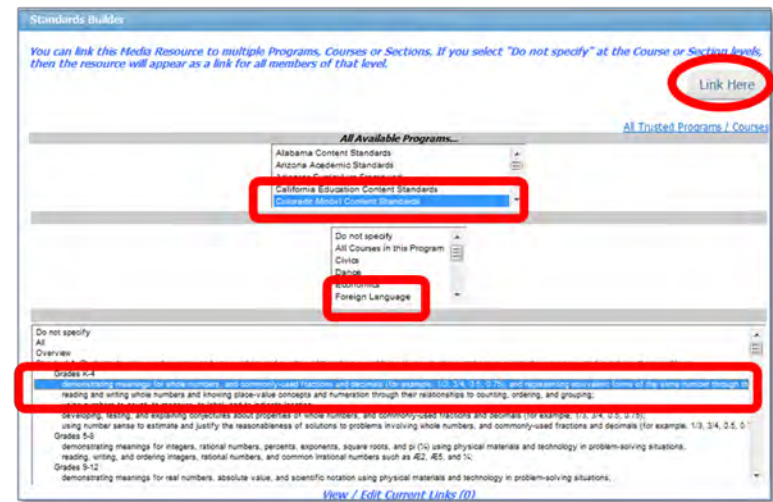
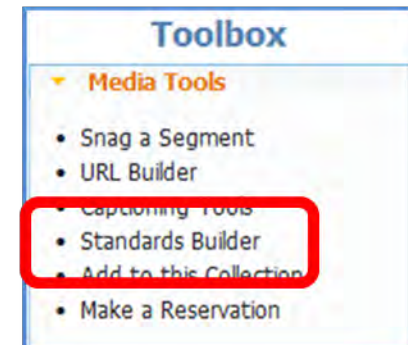
Standards Builder

Why?

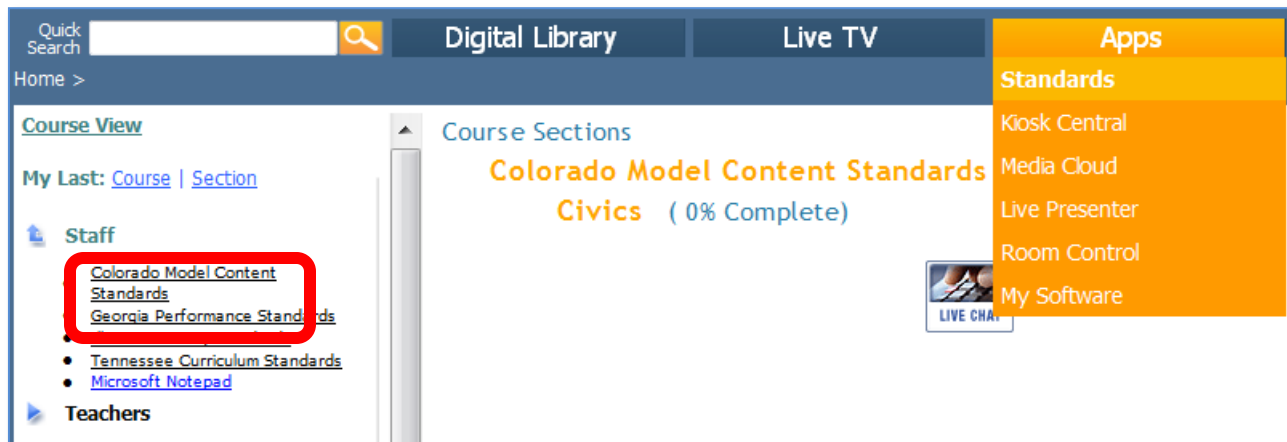
- ▶ Link resources to state standards

Create

- ▶ From the resource *Toolbox*, click *Standards Builder*, choose your state's standards, subject matter and desired standard
- ▶ Click *Link Here*



Standards Builder (cont.)

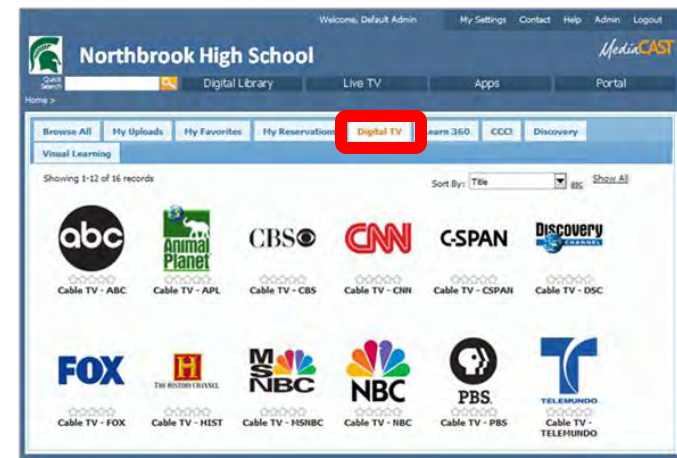


View/Edit

- ▶ View resources linked to standards by clicking *Apps > Standards > Staff/Teachers > Colorado Model Content Standards*
- ▶ Click on the course and then the specific standard to see what resources have been linked to it

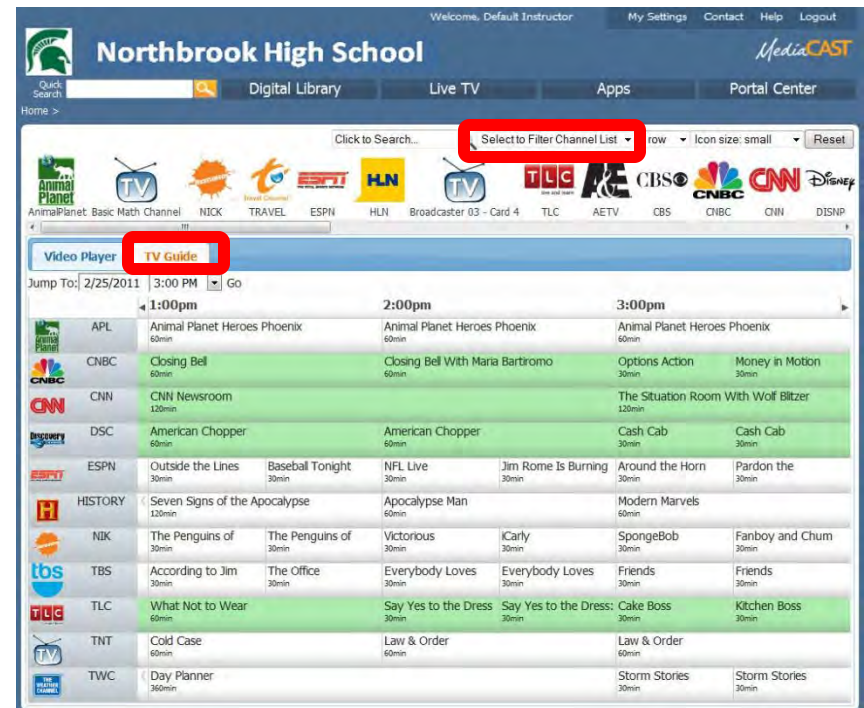
Digital TV

- ▶ Users with Student + rights may access Digital TV
- ▶ From the Navigation Menu, click on *Live TV*, and then filter view by type of TV channels
- ▶ From the Custom Tabs, click on *Digital TV*
- ▶ Click on a TV channel icon to view live TV programs



Digital TV (cont.)

- ▶ Use the drop-down located above TV channel icons to filter TV channels
- ▶ Click on *TV Guide* to view scheduled TV programming
- ▶ Users with Manager + rights may record TV



The screenshot displays the Northbrook High School MediaCAST interface. At the top, there is a navigation bar with links for 'Welcome, Default Instructor', 'My Settings', 'Contact', 'Help', and 'Logout'. Below this is a search bar and a 'Select to Filter Channel List' dropdown menu, which is highlighted with a red box. The main content area features a row of channel icons including Animal Planet, TV, NICK, TRAVEL, ESPN, HLN, Broadcast, TLC, AETV, CBS, CNBC, CNN, and Disney. Below the icons is a 'Video Player' section with a 'TV Guide' button, also highlighted with a red box. The TV Guide section shows a grid of scheduled programs for 2/25/2011 at 3:00 PM. The grid is organized by time slots (1:00pm, 2:00pm, 3:00pm) and channels (APL, CNBC, CNN, DSC, ESPN, HISTORY, NIK, TBS, TLC, TNT, TWC). Each program entry includes the channel logo, program title, and duration.

Channel	1:00pm	2:00pm	3:00pm
APL	Animal Planet Heroes Phoenix (60min)	Animal Planet Heroes Phoenix (60min)	Animal Planet Heroes Phoenix (60min)
CNBC	Closing Bell (60min)	Closing Bell With Maria Bartromo (60min)	Options Action (30min) Money in Motion (30min)
CNN	CNN Newsroom (120min)		The Situation Room With Wolf Blitzer (120min)
DSC	American Chopper (60min)	American Chopper (60min)	Cash Cab (30min) Cash Cab (30min)
ESPN	Outside the Lines (30min)	Baseball Tonight (30min) NFL Live (30min)	Jim Rome Is Burning (30min) Around the Horn (30min) Pardon the (30min)
HISTORY	Seven Signs of the Apocalypse (120min)	Apocalypse Man (60min)	Modern Marvels (60min)
NIK	The Penguins of (30min)	The Penguins of (30min) Victorious (30min)	iCarly (30min) SpongeBob (30min) Fanboy and Chum (30min)
TBS	According to Jim (30min)	The Office (30min)	Everybody Loves (30min) Everybody Loves (30min) Friends (30min) Friends (30min)
TLC	What Not to Wear (60min)	Say Yes to the Dress (30min)	Say Yes to the Dress: (30min) Cake Boss (30min) Kitchen Boss (30min)
TNT	Cold Case (60min)	Law & Order (60min)	Law & Order (60min)
TWC	Day Planner (360min)		Storm Stories (30min) Storm Stories (30min)

Digital TV (cont.)

- ▶ Tune to TV channels by clicking on the desired channel's icon
- ▶ Manager + may remotely change the live stream a server broadcasts by using the dropdown menu
- ▶ The TV channel's icon will track if the channel has been changed remotely

