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Tools for Using and Organizing Online Resources to Enhance Reference and Instruction

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Tools for Using and Organizing Online Resources to Enhance Reference and Instruction

Presenters

Anne Diekema

Sheri Haderlie

Heather Leary

Cheryl Walters

Utah Library Association Conference 2010



UtahState
University



The Power of Primary Sources



- ⦿ Digital library – the raw materials of history
- ⦿ Accessible for all levels
- ⦿ Support high level/critical thinking

Create and Share

- Library of Congress (LOC) grant
- As you participate today, think of applications in your own situation
- General idea of implementation
 - Index card
 - By end of THIS session
- \$50.00 VISA card

Wiki

- ◎ Tools for using and organizing online resources + .wikispaces.com
 - <http://toolsforusingandorganizingonlineresources.wikispaces.com>
- ◎ Links to digital libraries and repositories
- ◎ Links to tools and handouts



Annotated Resource Set (ARS)

- ⦿ A simple tool created by Library of Congress
 - Just need basic computer skills to use
- ⦿ Original purpose: to save and organize primary digital resources for use in teaching
- ⦿ **Library uses:**
 - Keep track of **book purchases**
 - Save **images, videos** for Library Guides & Presentations
 - Save **websites and ebooks** on a given topic
 - Save **any web resources** for any purpose

Annotated Resource Set (ARS)

| | |
|--|------------------------|
| Content Theme: | Landscape Architecture |
| Developed by: | Cheryl Walters |
| Contextual Paragraph for Resource Set: Images for use in creating LibGuides and other instructional aids for Landscape Architecture classes | |




Resource Set: Purty Pictures

| Yosemite National Park, wildflowers, Yosemite National Park, CA | Metadata for Yosemite National Park, wildflowers image | (Resource Title Here) | (Resource Title Here) |
|---|---|---|---|
|  |  |  |  |
| http://memory.loc.gov/award/mhsdalad/290000//290008r.jpg | http://hdl.loc.gov/loc.award/mhsalad.290008 | (Resource Link Here) | (Resource Link Here) |

Notes/Comments:

These are images from American Landscape and Architectural Design, 1850-1920 collection in Library of Congress American Memory Collection at <http://memory.loc.gov/ammem/collections/landscape/index.html>

Annotated Resource Set (ARS)

| | | |
|---|-------------------------------|---|
| Content Theme: | Landscape Architecture |  |
| Developed by: | Cheryl Walters | |
| Contextual Paragraph for Resource Set: Books bought for Landscape Architecture Dept in 2010 | | |

Resource Set: Books Bought for Library in 2010


| Landscape Architecture, Fourth Edition: A Manual of Land Planning and Design | Residential Landscape Architecture (5th Edition) | Contemporary Landscape Architecture | Landscape Design: A Cultural and Architectural History [Hardcover] | (Resource Title Here) | (Resource Title Here) |
|--|--|---|--|--|-----------------------|
|  |  |  |  |  | Image Placeholder |
| \$65.00 | Norman K. Booth and James E. Hiss | YBP, Paperback | ISBN: 9780810942530 | (Resource Link Here) | (Resource Link Here) |

Notes/Comments:

Annotated Resource Set

1

Annotated Resource Set (ARS)

| | | |
|--|--|--|
| Content Theme: | |  |
| Developed by: | | |
| Contextual Paragraph for Resource Set: | | |

A MSWord file template with three sections

2

Resource Set

| (Resource Title Here) | (Resource Title Here) | (Resource Title Here) | (Resource Title Here) | (Resource Title Here) | (Resource Title Here) |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Image Placeholder | Image Placeholder | Image Placeholder | Image Placeholder | | |
| (Resource Link Here) | (Resource Link Here) | (Resource Link Here) | (Resource Link Here) | | |
| (Resource Title Here) | (Resource Title Here) | (Resource Title Here) | (Resource Title Here) | | |
| Image Placeholder | Image Placeholder | Image Placeholder | Image Placeholder | | |
| (Resource Link Here) | (Resource Link Here) | (Resource Link Here) | (Resource Link Here) | | |

Notes/Comments:

Teaching with Primary Sources - Annotated Resource Set

3

Annotations

| Grade Level | Curriculum Connectors | Learning Objectives | | Suggested Learning Strategies | Suggested Assessment Strategies | Links to Other Resources |
|-------------|-----------------------|---------------------|---------------------|-------------------------------|---------------------------------|--------------------------|
| | | Content Objectives | Thinking Objectives | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Teaching with Primary Sources - Annotated Resource Set

Example of a filled-in ARS

Section 1: Theme



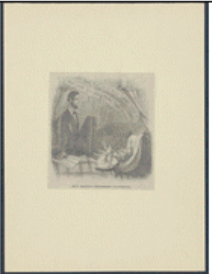








Annotated Resource Set (ARS)

| | |
|--|---------------------------------------|
| Content Theme: | Political Cartoons from the Civil War |
| Developed by: | Emily Shaul |
| Contextual Paragraph for Resource Set: | |
| <p><i>Political cartoons created during the Civil War. These cartoons expose the prejudices and stereotypes of both the North and the South. Examining them gives students an idea of the humor, temper, and tone of the country during the crisis.</i></p> <p><i>Students should examine between 2-4 political cartoons either on their own or in a group setting to discover prejudices and characteristics of politics during this time. Studying the political cartoons also make the students analyze a drawing and look for details to help them understand a time period, or specific conflict such as the civil war.</i></p> <p><i>Students need to go to http://memory.loc.gov/ammem/collections/stern-lincoln/ to get to the correct set: The Alfred Whital Stern historical set. In the search box to the left that specifically says, "search this collection", the student should type political cartoons. Or the teacher can download each political cartoon to a computer ahead of time for students to use. There are 70 political cartoons on this website, so a teacher could assign specific cartoons to students or groups of students to examine. That way each student/group would be looking at different cartoons instead of everyone looking at the same one.</i></p> | |



Example of a filled-in ARS

Section 2: The Saved Resources & Links

| Resource Set | | | | | |
|---|---|---|---|---|---|
| The Political Gymnasium | ← Title | Why don't you take it? | Jefferson Davis's November Nightmare | The Confederacy in Petticoats | The Rail Candidate |
|  | ← Image |  |  |  |  |
| http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0781 | ← Link | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0308 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0380 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0310 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0341 |
| Jefferson Davis attempts to escape in women's clothing | Emancipation | The great exhibition of 1860 | Forcing slavery down the throat of a freesoiler | The true peace commissioners | The Man that blocks up the Highway |
|  |  |  |  |  |  |
| http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0311 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0336 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0342 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0326 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0426 | http://hdl.loc.gov/loc/rbc/lpr/bcsm.scm0329 |

Example of a filled-in ARS

Section 3: Curriculum standards, learning objectives...

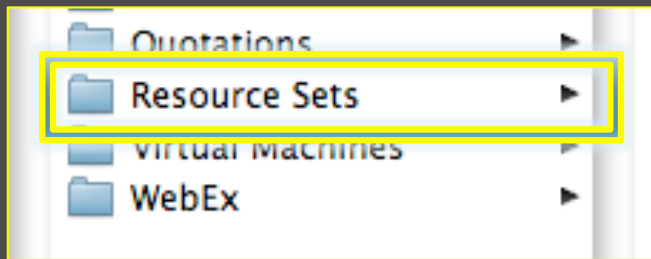
| Annotations | | | | | | | |
|--------------|---|-------------------------|--|---|---|---|--|
| Grade Level | Curriculum Connections | Curriculum Standards | Learning Objectives | | Suggested Learning Strategies | Suggested Assessment Strategies | Links to Other Resources |
| | | | Content Objectives | Thinking Objectives | | | |
| Eighth Grade | Students will understand the significance of the Civil War Era to the United States | Utah: 6120-09 – (01-02) | <ol style="list-style-type: none"> 1) Examine the sectional economic differences of the US 2) Compare the advantages and disadvantages of the Union and the Confederacy 3) Analyze the impact of the Emancipation Proclamation on the US and the Confederacy 4) Assess how the election of 1860 led to secession | <ol style="list-style-type: none"> 1) What is the political cartoon telling you about this time period? 2) What specific people are involved in your cartoon? 3) What is the artist trying to portray in this cartoon? Why do they draw people or things a certain way? 4) What is the overall message of the political cartoon(s) you are examining? | <p>Students can work on their own to examine political cartoons and answer a questionnaire.</p> <p>After examining these cartoons have students share their thoughts with another student and teach each other about the cartoon. Also asking the other student for their opinion about the cartoon they studied.</p> <p>OR</p> <p>Students can work in groups of two and through working together analyze more than one political cartoon together and answer the questionnaire.</p> | <p>Questionnaire for the students to answer about each cartoon they examine</p> <p>OR</p> <p>Have students draw their own political cartoons about some aspect of the Civil War (or some other time in history), exposing prejudices and aspects of the U.S during this time.</p> | <p>www.loc.gov</p> <p>Also</p> <p>http://www.abrahamlincolnclassroom.org/CartoonCorner/index.asp</p> <p>A good website with some cartoons and DESCRIPTIONS for students that may struggle examining cartoons on their own.</p> |

How to use an ARS

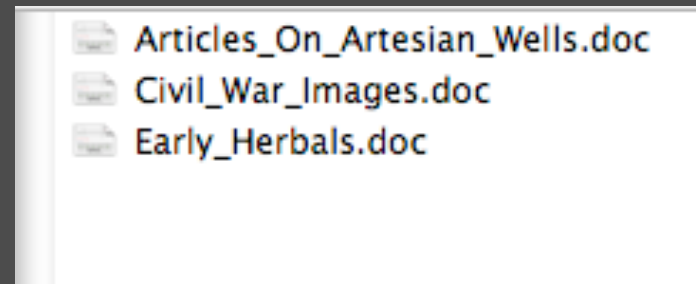
1. Get the blank ARS template:
<http://toolsforusingandorganizingonlineresources.wikispaces.com/Tools>
2. Describe the topic & contents of ARS on its first page
3. Find a digital resource on the Web
4. Copy and paste an image of resource and its URL into middle section of ARS
5. Repeat steps 3 and 4 as needed
6. Use last page of ARS to note corresponding curriculum standards, learning objectives, etc.
7. Save

Organize your ARS files for easy reference later...

Set up a folder called Resource Sets to hold all your ARS files



Name each ARS file something short, but descriptive



Fishbone charts



What is a fishbone chart?

- ⦿ Cause & Effect diagram, Ishikawa diagram, fishbone pattern
- ⦿ Items organized on bones or branches
- ⦿ Useful for organizing things by time or topic
- ⦿ Allows various media to be inserted or hyperlinked
- ⦿ Good visual to present topic and related primary sources

Where to start?

- Download free mapping software from <http://www.xmind.net>

Sign Up | Sign In | FEEDBACK

XMind
Collaborative Minds

Home Downloads Share XMind Pro Buzz Developer Search

Open Source, Open Storm!

Want to share ideas? The world's coolest brainstorming and mind mapping software has now joined the open source community.

[Download XMind - Free](#)

New in XMind
Open Source
Share
Topic As A Map
Easy To Use
XMind Pro

Sometimes you want to "drill down" into a topic, i.e. focus in on a specific branch, hide other branches, or start a new mind map within a topic. With the "Topic as a Map" capability, mind maps are now truly hierarchical and layered, allowing you to focus in on and display the right information and clearly express your ideas.

Hot News Headlines | Follow XMind on Twitter!

Featured Maps [More >](#) Popular Maps [More >](#)

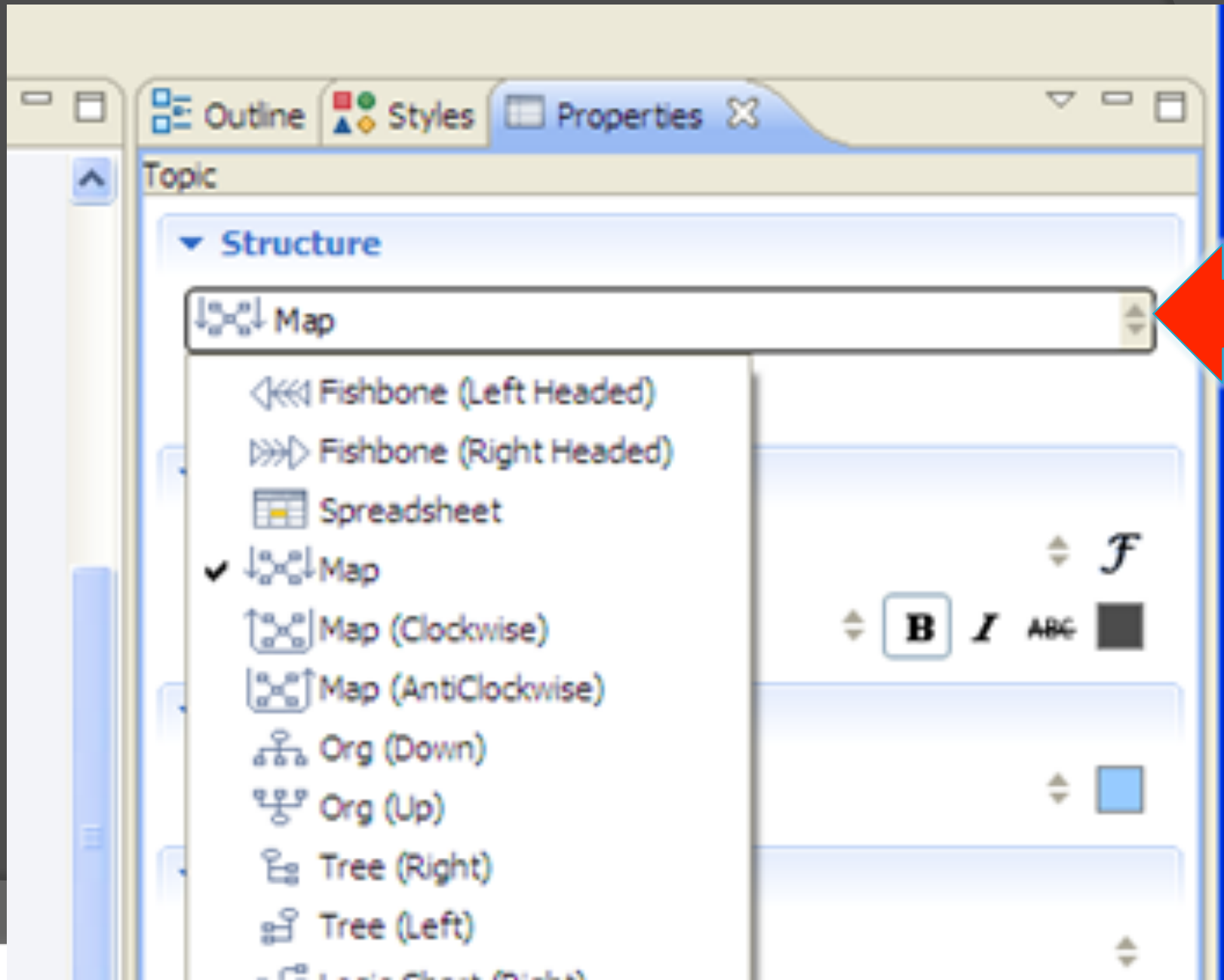
Find: xmind | Next Previous Highlight all Match case Reached end of page, continued from top

Done

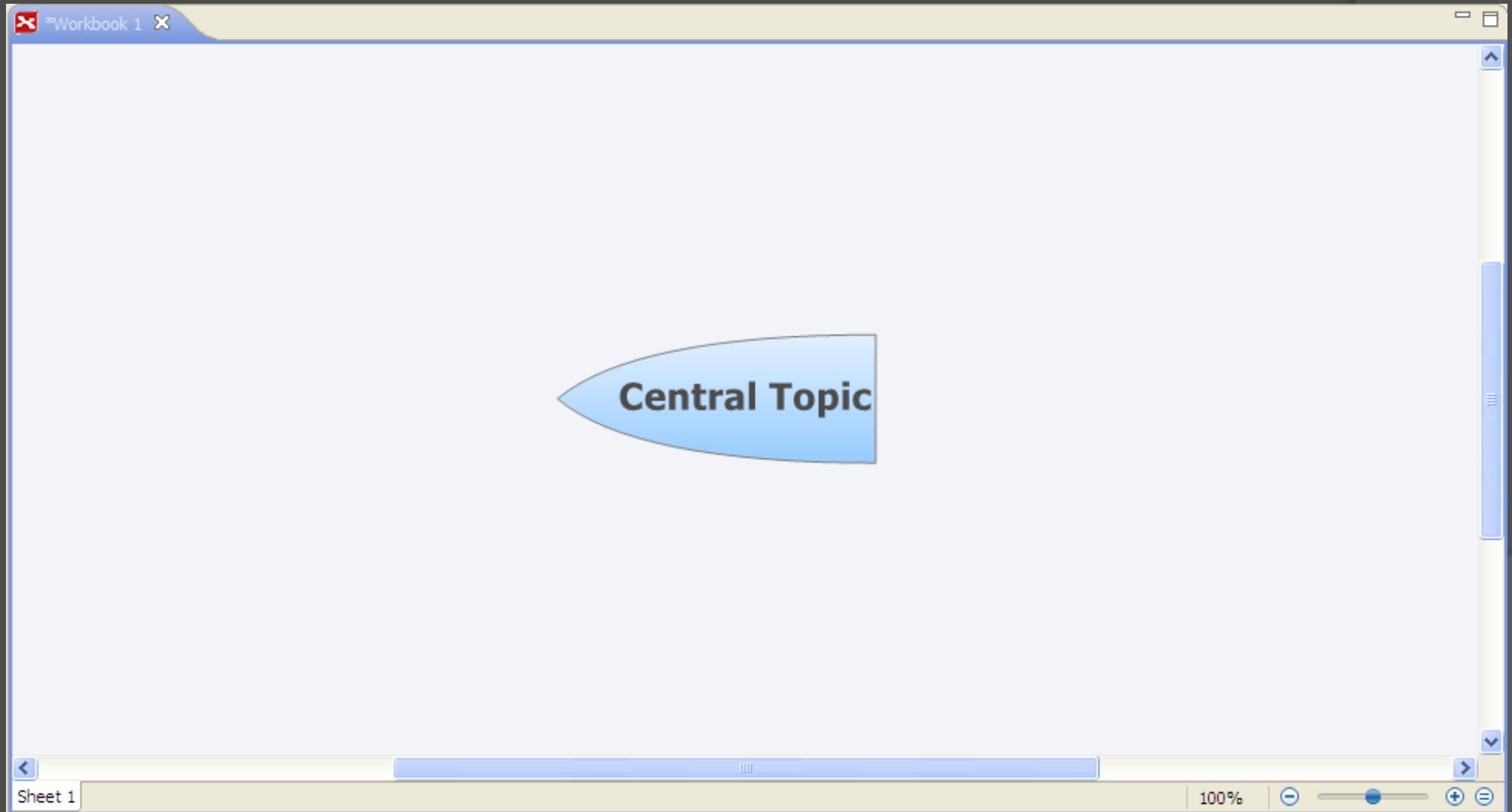
Getting started

- ① Start Xmind
- ① A new project diagram appears
- ① Go to the top menu
 - Click *view => properties*
- ① A menu should appear on the right hand side
- ① Select structures to find the Fishbone structure

Change structure to Fishbone

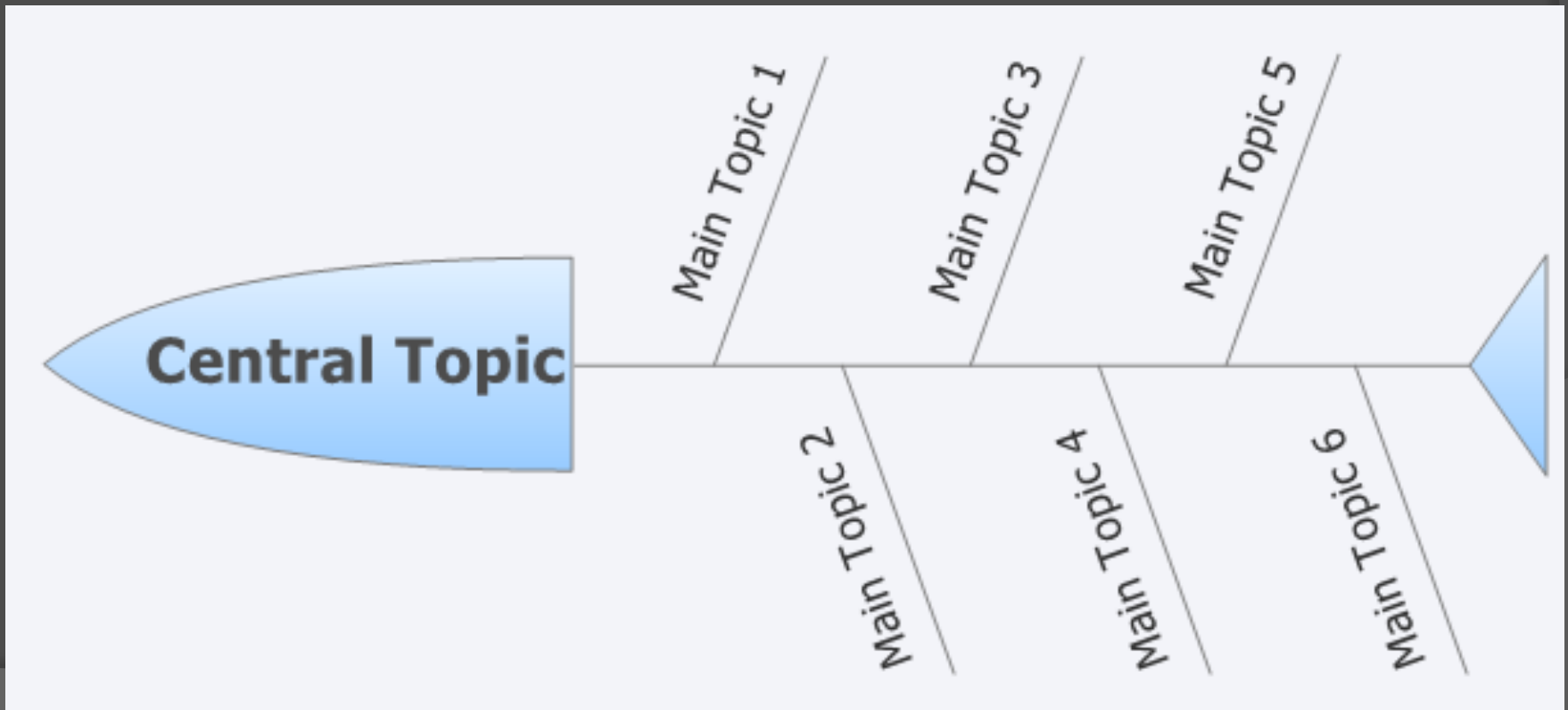


Fishbone starts with fish head



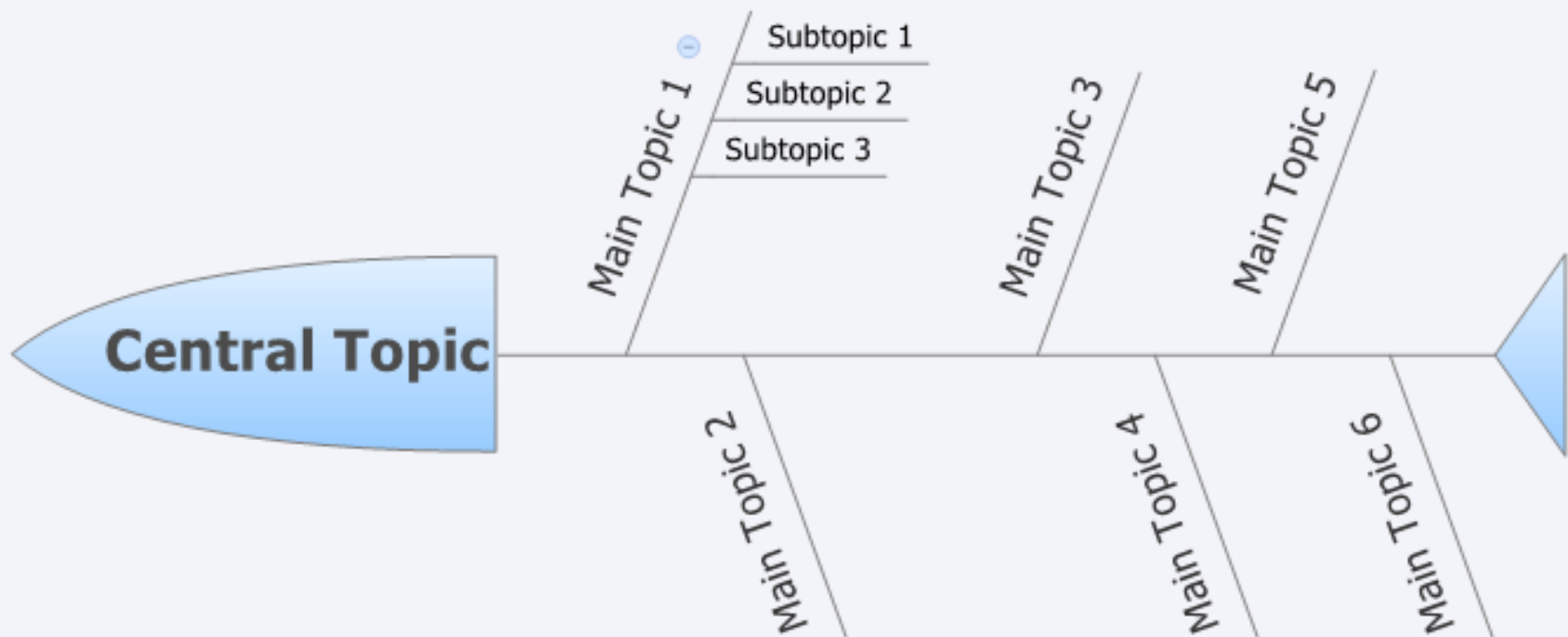
Creating topics

- While fish head is highlighted
 - Press “tab” or “enter” key to create main topics



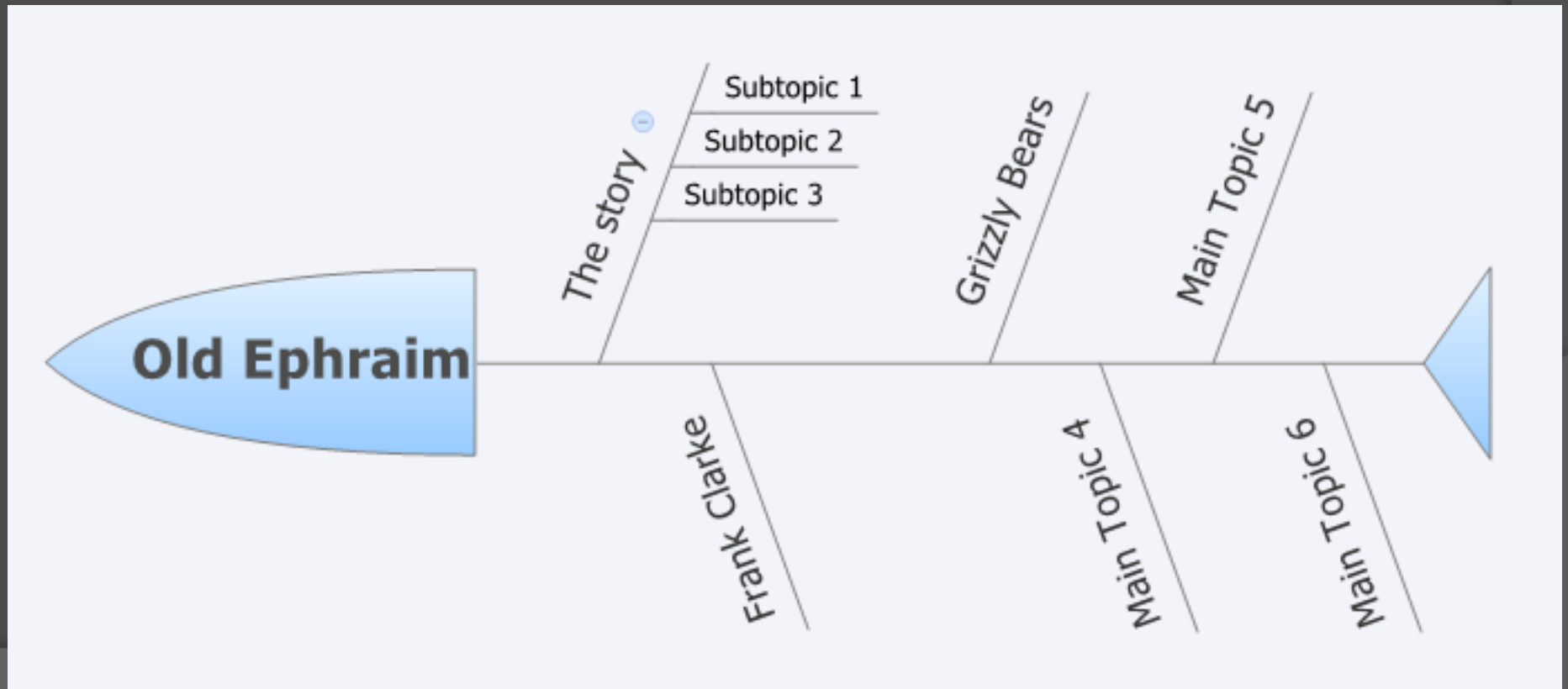
Creating sub-topics

- When topic is highlighted
 - Press “tab” key to create sub topics



Naming topics

- Double click or highlight and click on topics to enter topic names



Adding primary sources

- ⦿ Establish organization of your lesson
- ⦿ Create topics and subtopics
- ⦿ Find online primary sources
 - Sound files
 - Letters
 - Images
 - Etc.
- ⦿ Save them to your hard drive OR
- ⦿ Add hyperlinks to your chart

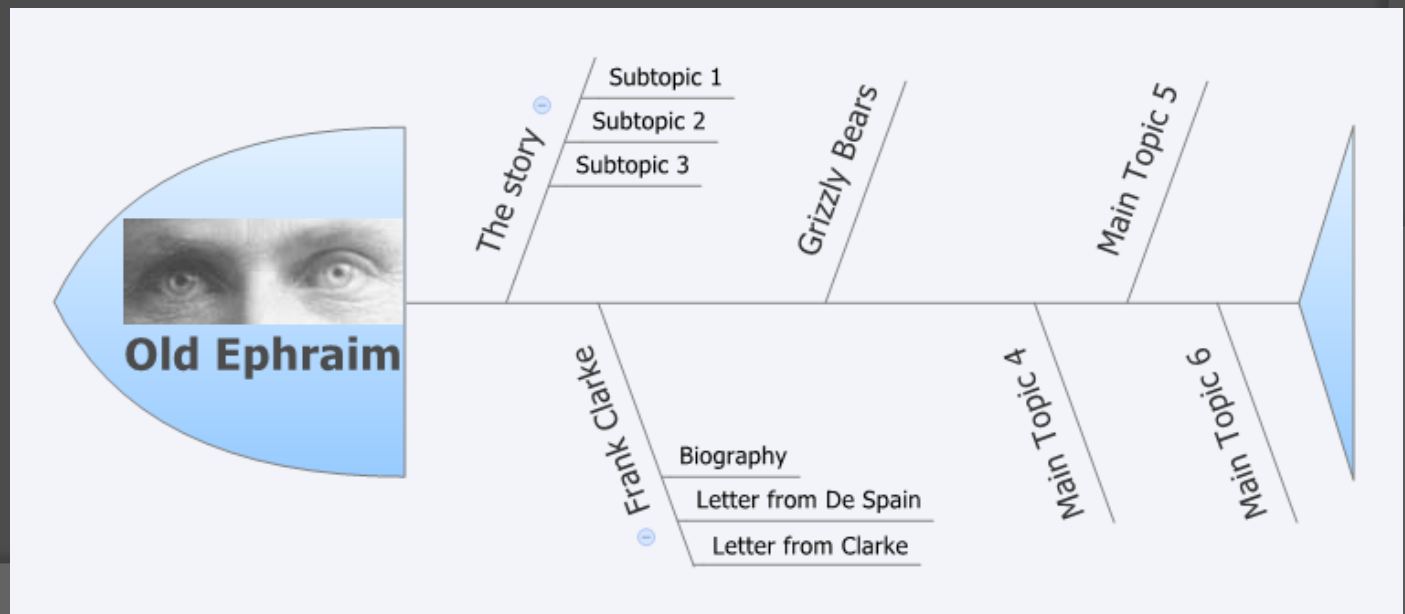
Frank Clarke



- *As a lover of nature and nature's animals I do not hunt. I have sworn eternal veangence [sic] on bears and it shall be mine.*
- Letters
- Photo
- Sound file

Inserting images

- Highlight topic
- Click on *insert* on menu bar
- Select image
- Locate image on hard drive

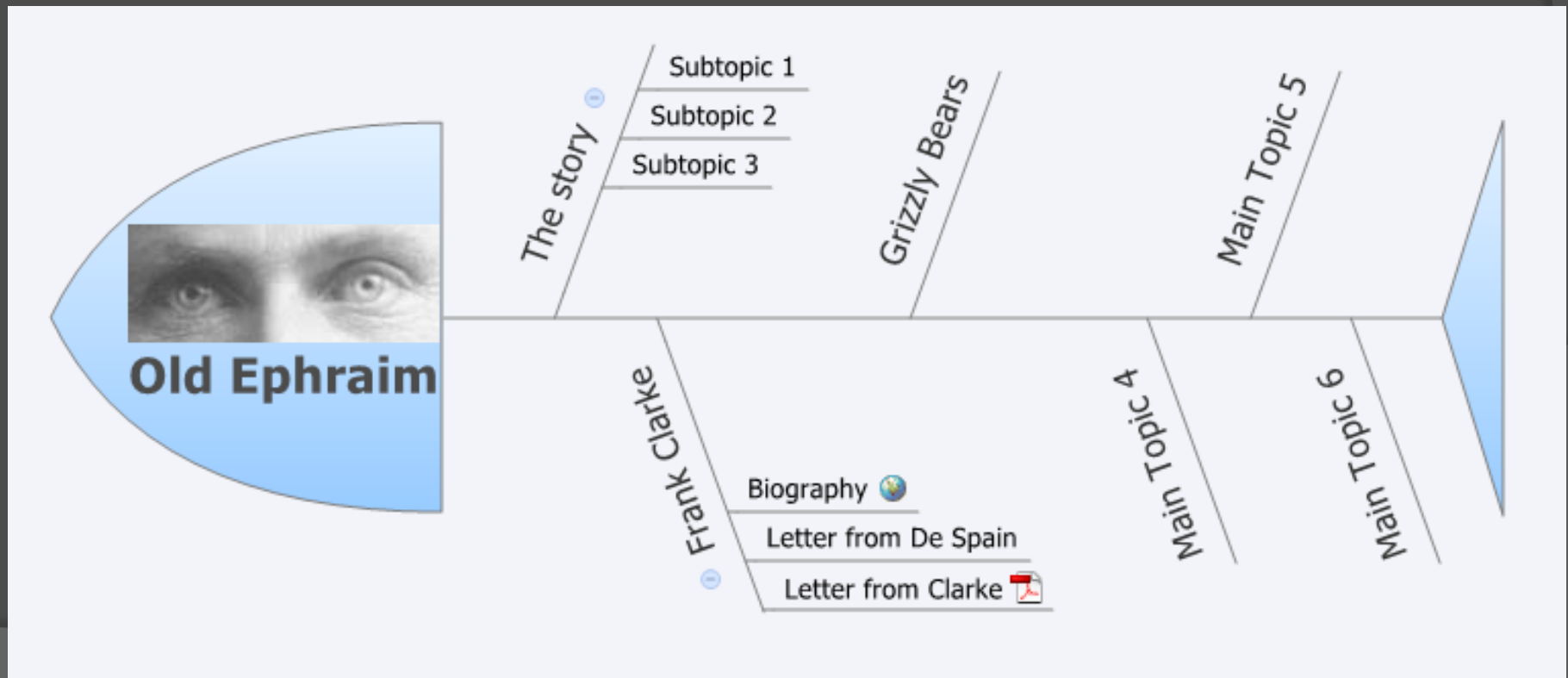


Adding hyperlinks

- Highlight topic
- PC: Right click topic; Mac: control click topic
- Select *hyperlink* from the menu
- For Web link: Paste URL in the box
- For File link: Add file path
- Click *OK*

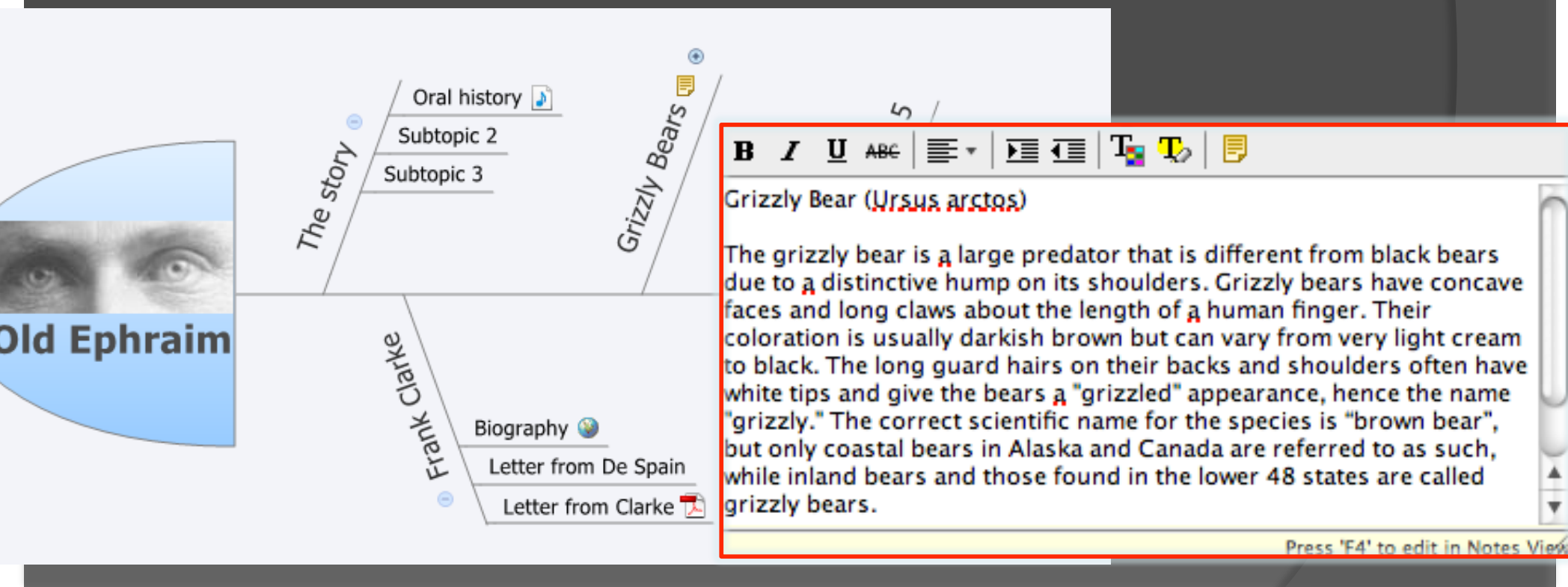
Adding files

- Use hyperlink feature to link directly to .pdf or .mp3 files that you saved to your hard drive



Adding notes

- Highlight topic
- Right click or control click topic
- Select “notes”, and type in your text



The screenshot displays a mind map interface. On the left, a circular node contains a close-up image of eyes and the text "Old Ephraim". A central node is labeled "Frank Clarke". Two main branches extend from the center: "The story" and "Grizzly Bears". "The story" branch includes sub-nodes for "Oral history", "Subtopic 2", and "Subtopic 3". "Grizzly Bears" branch includes sub-nodes for "Biography", "Letter from De Spain", and "Letter from Clarke". A red-bordered window is open over the "Grizzly Bears" node, showing a rich text editor with a toolbar (bold, italic, underline, ABC, list, indent, text color, background color, insert) and the following text:

Grizzly Bear (Ursus arctos)

The grizzly bear is a large predator that is different from black bears due to a distinctive hump on its shoulders. Grizzly bears have concave faces and long claws about the length of a human finger. Their coloration is usually darkish brown but can vary from very light cream to black. The long guard hairs on their backs and shoulders often have white tips and give the bears a "grizzled" appearance, hence the name "grizzly." The correct scientific name for the species is "brown bear", but only coastal bears in Alaska and Canada are referred to as such, while inland bears and those found in the lower 48 states are called grizzly bears.

Press 'F4' to edit in Notes View



Sprucing it up

⦿ Add labels

- Highlight topic; right click topic; select label; type text

⦿ Add markers

- Click “view” in top menu bar
- Select “markers”
- Marker options will now appear on the right



Old Ephraim

The story

As told by Mr. Clarke

Oral history

Subtopic 2

Subtopic 3

Grizzly Bears

Main Topic 5

Frank Clarke

Biography

Letter from De Spain

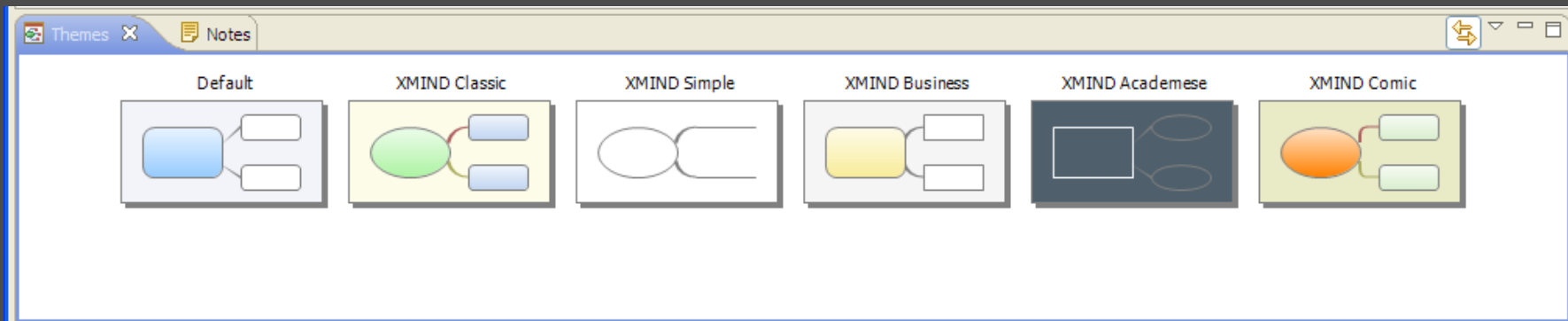
Letter from Clarke

Main Topic 4

Main Topic 6

Sprucing it up

- If you like, select a different style
- Click *view* in top menu
- Select *styles*
- Style options will appear at the bottom of the screen





Old Ephraim

The story 🗣️

As told by Mr. Clarke.

- Oral history 🗣️
- Subtopic 2
- Subtopic 3

Grizzly Bears 🐻

Frank Clarke ⭐

- Biography 🌐
- Letter from De Spain
- Letter from Clarke 📄

Main Topic 4

Main Topic 5

Main Topic 6

After some more editing



Sharing your Fishbone chart

- Select *export* from file menu
- You can save the map as
 - html, text, or an image (bmp, jpeg, gif, png)
- You can also save the file as .xmind file
- Upload to Xmind website
- Saving it as a web page allows you to select what to save (select everything)
 - Only way to maintain all links

Best way to share Fishbone chart

- ④ Download the XMIND software to your laptop
- ④ Save all your files to hard drive
- ④ Create your chart
- ④ Present your chart using your laptop

Play around with Xmind

- You received basic instruction
- By playing with Xmind you'll discover more possibilities (e.g. drilling down within a topic)
- Think of other ways to organize your information
 - Create time line with fishbone chart
 - Create cross links between concepts in chart
 - Explore other charts (e.g. concept maps)

Timeline at <http://dipity.com>

- Free software to create timelines and share them online

The screenshot displays the Dipity timeline interface. At the top, there are navigation tabs for 'Timeline', 'Flipbook', 'List', and 'Map', along with 'Full Screen' and 'Embed Widget' options. Below these are two buttons: 'Add a Source' and 'Add an Event'. On the left side, there is a vertical timeline axis with a play button icon. The main area shows several event cards with images and text:

- Apollo 11 moon landing**: Jul 16, 1969 11:00 am
- Houston, we have a problem.**: Apr 13, 1970 12:00 PM
- Apollo 14 Moon Rocks**: Jan 31, 1971 12:00 PM
- Apollo 8 Mission**: Dec 21, 1968 12:00 pm
- Aldrin at work**: Jul 14, 1969 11:00 pm
- Apollo 13 Mission**: Apr 11, 1970 12:00 PM

At the bottom, there is a horizontal timeline axis with month and year labels: Oct, Dec, Feb, Apr, Jun, Aug, Oct, Dec, 1970, Apr, Jun, Aug, Oct, Dec, Feb, Apr, Jun, Aug. A blue play button is visible at the bottom right of the timeline axis.

<http://www.dipity.com>

- Go to dipity.com
- Click the green sign-up button
- Create a free user account
- Log in with your new user name



Starting your timeline

- Click the *My Topics* tab at the top
- Click *Add New Topic*
- A window will pop up where you provide information about your timeline

Add a Topic



Make a topic from existing sites or by crafting your own.

Web Search

RSS Feed

Blank

Title

Description

Topic Picture



Upload

or

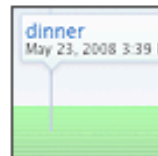
Paste an image URL here.

OK

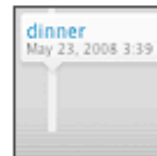
Tags

Theme

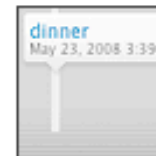
Free



Classic



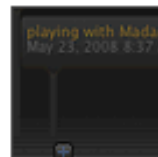
Mono (default)



Mono (default)

Premium

[Upgrade Now!](#)



Dark



Red Rain



Sunrise

Timezone

(GMT-08:00) Pacific Time



Permissions

Anyone can view this topic. Your Friends can edit this topic. [\[change\]](#)

Permissions

Anyone can view this topic. **You** can edit this topic. [\[change\]](#)

Who can view this topic?

- Only You (private)
- All Friends
- Anyone

Who can edit this topic?

- Only You (private)
- Some Friends

Invite More Editors Now -- Enter email addresses, separated by a comma.

- All Friends

Invite More Friends Now -- Enter email addresses, separated by a comma.

- Anyone

Getting to work

- Create a timeline by adding *events*
- Specify title, date, description
- Add a link to an image or video clip
- Supply the location of the event

Create Event



Title

Date

Now



Examples: "Jan 1, 2002 6pm" or "1998 to 2004"

Description

Picture



Upload

or

Paste an image URL here.

OK

Link

Location

Example: 151 Third St, San Francisco, CA

Video URL

Paste a YouTube, Google Video, Hulu, Vimeo, FLV, MP3, imeem, or MetaCafe URL

Cancel

Save + Add Another

Save

Apollo Space Program

- Add event to time line
- JFK's speech to congress



Create Event



Title

F. Kennedy's special message to the congress

Date

May 25, 1961

Now



Examples: "Jan 1, 2002 6pm" or "1998 to 2004"

Description

First, I believe that this nation should commit itself to achieving the goal, before this decade is out, of landing a man on the moon and returning him safely to the earth. No single space project in this



Picture



Upload

or

/d5u35ht4po4/s320/JFK.JPG

OK

Link

ational+Needs+Page+4.htm

Location

Washington, DC

Example: 151 Third St, San Francisco, CA

Video URL

Paste a YouTube, Google Video, Hulu, Vimeo, FLV, MP3, imeem, or MetaCafe URL

Cancel

Save + Add Another

Save

Timeline

Flipbook

List

Map

Share

View in Dipity



John F. Kennedy's special mes...
May 25, 1961 10:00 am

powered by

Mar

Apr

May

Jun

Jul 1961

Aug



John F. Kennedy's special message to the congress ✕

Added by [hey_holland](#)

May 25, 1961 10:00 am



Picture

Description

Map

Comments (0)

Delete | Edit

First, I believe that this nation should commit itself to achieving the goal, before this decade is out, of landing a man on the moon and returning him safely to the earth. No single space project in this period will be more impressive to mankind, or more important for the long-range exploration of space; and none will be so difficult or expensive to accomplish. We propose to accelerate the development of the appropriate lunar space craft. We propose to develop alternate liquid and solid fuel boosters, much larger than any now being developed, until certain which is superior. We propose additional funds for other engine development and for unmanned explorations--explorations which are particularly important for one purpose which this nation will never overlook: the survival of the man who first makes this daring flight. But in a very real sense, it will not be one man going to the moon--if we make this judgment affirmatively, it will be an entire nation. For all of us must work to put him there.



<http://www.jfklibrary.org/Hist...ds+Page+4.htm>

Add a Source

Add an Event



Apollo 11 moon landing
Jul 16, 1969 11:00 am



Houston, we have a problem.
Apr 13, 1970 12:00 PM



Apollo 14 Moon Rocks
Jan 31, 1971 12:00 PM

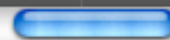


Apollo 8 Mission
Dec 21, 1968 12:00 pm



Aldrin at work
Jul 14, 1969 11:00 pm

Apollo 13 Mission
Apr 11, 1970 12:00 PM



Sharing your timeline

- ⦿ Timelines are saved online
- ⦿ Embedding timeline into your wiki
 - Click *embed widget* on the top right
 - Follow wiki instructions to embed html code
- ⦿ Different timeline views
 - Timeline, Flipbook, List, Map
- ⦿ Work collaboratively on timeline
 - Topic settings, permissions



Timeline Flipbook List Map

Full Screen Embed Widget

Add a Source

Add an Event



Apollo 11 moon landing
Jul 16, 1969 11:00 am



Houston, we have a problem.
Apr 13, 1970 12:00 PM



Apollo 14 Moon Rocks
Jan 31, 1971 12:00 PM



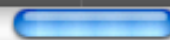
Apollo 8 Mission
Dec 21, 1968 12:00 pm



Aldrin at work
Jul 14, 1969 11:00 pm

Apollo 13 Mission
Apr 11, 1970 12:00 PM

Oct Dec Feb Apr Jun Aug Oct Dec 1970 Apr Jun Aug Oct Dec Feb Apr Jun Aug





Timeline Flipbook List Map

Full Screen Embed Widget

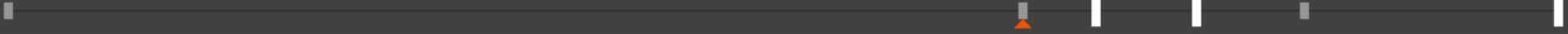
68HC731



Apollo 8 Mission
Dec 21, 1968 12:00 pm

May 25, 1961

Dec 19, 1972





Timeline Flipbook **List** Map

Full Screen Embed Widget

Splashdown

Dec 19, 1972 12:00 PM

Like the astronauts of Apollo 10, 12, 13, and 14 before them, the Apollo 17 crew were recovered in Pacific waters near American Samoa after splashdown. The recovery operation was performed by US ...



Last men on the moon

Dec 7, 1972 12:00 PM

Apollo 17 was the eleventh manned space mission in the NASA Apollo program. It was the first night launch of a U.S. human spaceflight and the sixth and final lunar landing mission of the Apollo pr...



Apollo 14 Moon Rocks

Jan 31, 1971 12:00 PM

The Apollo 14 landing site was in the Fra Mauro formation, which is material ejected by the impact that produced the Imbrium Basin. As one would expect in a region formed by impact-basin debris, mo...



Houston, we have a problem.

Apr 13, 1970 12:00 PM

At 55 hours, 46 minutes, as the crew finished a 49-minute TV broadcast showing how comfortably they lived and worked in weightlessness, Lovell stated, "This is the crew of Apollo 13 wishing everybo...

Apollo 13 Mission

Apr 11, 1970 12:00 PM



Apollo 11 moon landing

Jul 16, 1969 11:00 am

The Apollo 11 mission landed the first humans on the Moon.



Aldrin at work

Jul 14, 1969 11:00 pm

Aldrin unpacks experiments from the LM, named Eagle.



Timeline Flipbook List **Map**

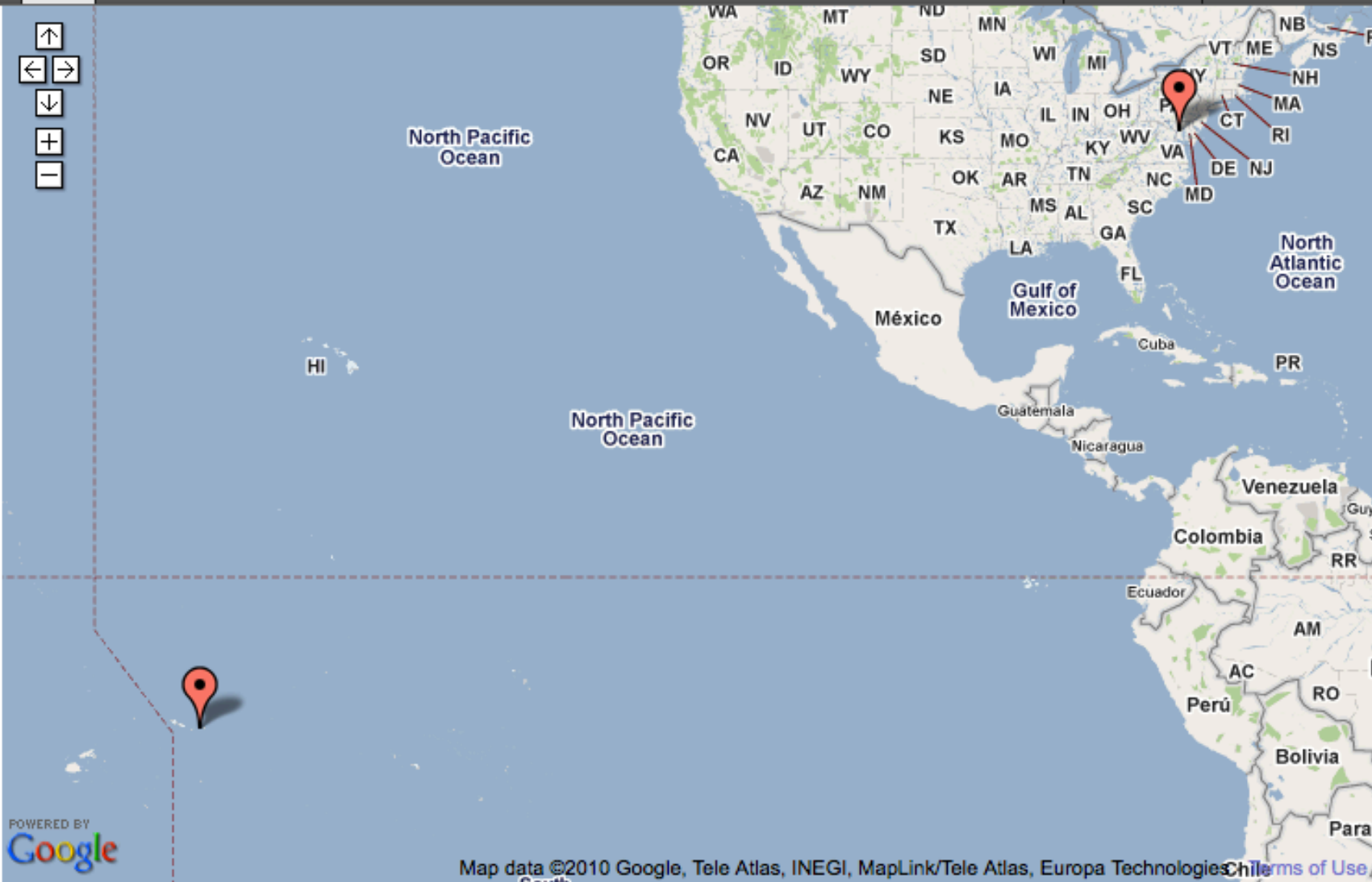
Full Screen Embed Widget

Play Events

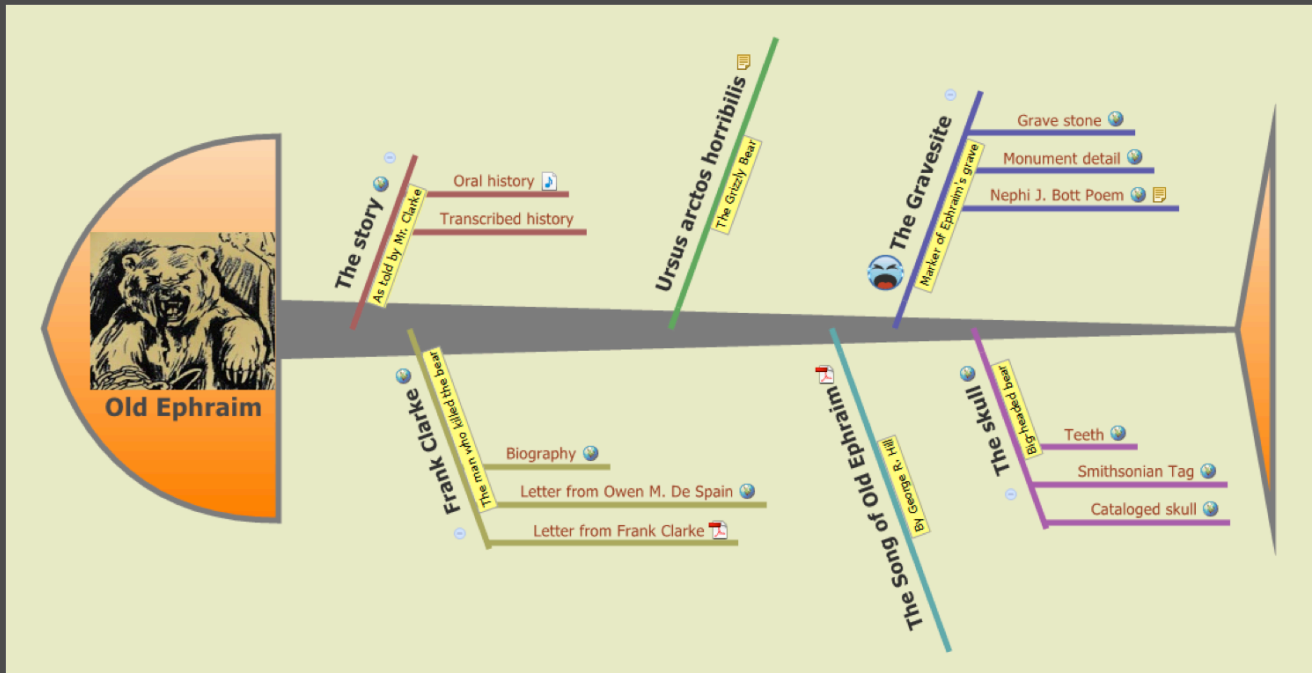


Dec 19, 1972 12:00 PM
Splashdown

May 25, 1961 11:00 am
John F. Kennedy's
special message to
the congress



Map data ©2010 Google, Tele Atlas, INEGI, MapLink/Tele Atlas, Europa Technologies, Chile [Terms of Use](#)



Timeline Flipbook List Map Full Screen Embed Widget

Add a Source Add an Event

Apollo 8 Mission
Dec 21, 1968 12:00 pm

Aldrin at work
Jul 14, 1969 11:00 pm

Apollo 11 moon landing
Jul 16, 1969 11:00 am

Apollo 13 Mission
Apr 11, 1970 12:00 PM

Houston, we have a problem.
Apr 13, 1970 12:00 PM

Apollo 14 Moon Rocks
Jan 31, 1971 12:00 PM

Oct Dec Feb Apr Jun Aug Oct Dec 1970 Apr Jun Aug Oct Dec Feb Apr Jun Aug

The Instructional Architect (IA)

- ◉ <http://ia.usu.edu>
- ◉ Digital Library Service
- ◉ Search & collect resources
- ◉ Create simple webpage



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N

Mr. Herring



Classifying Triangles

The activities on this page will help you learn to classify triangles.

Triangles can be classified in two ways. A triangle can be classified by the lengths of its' sides or by the measures of its' angles.

To learn how to classify a triangle by its' sides click on the link below.

[Classifying a triangle by sides](#)

If you think you have the idea, let's play a game. After clicking on the following link, scroll down to the purple box entitled "PLAY" and select the "Countdown" button. You will have 60 seconds to see how many triangles you can identify correctly. How will you do??

[Game:Classifying by sides](#)

How many did you get correct??

Now let's learn how to classify a triangle by its' angles. Click below.

[Classifying a triangle by angles](#)

If you think you've got, it let's play again. Now you will see how many triangles you can identify by angle measure in 60 seconds.

[Game: Classifying by angles](#)

What was your score??

<http://ia.usu.edu/viewproject.php?project=ia:1962>

Mr. Herring



The activities on this page will help you learn to classify triangles.

Triangles can be classified in two ways. A triangle can be classified by the lengths of its sides or by the measures of its angles.

To learn how to classify a triangle by its sides click on the link below.

[Classifying a triangle by sides](#)

If you think you have the idea, let's play a game. After clicking on the following link, scroll down to the purple box entitled "How many did you get correct??"

[Game: Classifying by sides](#)

How many did you get correct??

Now let's learn how to classify a triangle by its angles. Click below.

[Classifying a triangle by angles](#)

If you think you've got it, let's play again. Now you will see how many triangles you can identify by angle measure in 60 seconds.

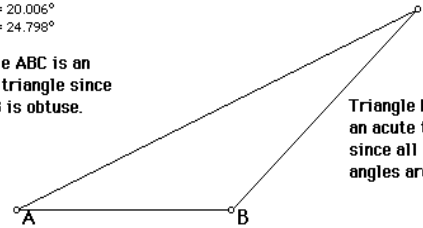
[Game: Classifying by angles](#)

What was your score??

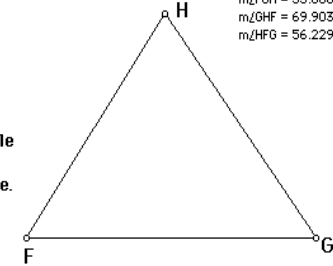
Classifying Triangles

$m\angle ABC = 135.196^\circ$
 $m\angle BCA = 20.006^\circ$
 $m\angle CAB = 24.798^\circ$

Triangle ABC is an obtuse triangle since angle B is obtuse.



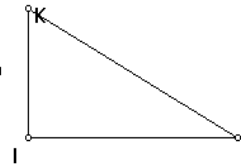
Triangle FHG is an acute triangle since all the angles are acute.



$m\angle FGH = 53.868^\circ$
 $m\angle GHF = 69.903^\circ$
 $m\angle HFG = 56.229^\circ$

$m\angle KIJ = 90.000^\circ$
 $m\angle IJK = 29.571^\circ$
 $m\angle JKI = 60.429^\circ$

Triangle KIJ is a right triangle since angle I is a right angle.



CLASSIFICATION OF TRIANGLES BY THEIR ANGLES:

1. acute triangle--a triangle with 3 acute angles
2. obtuse triangle--a triangle with one obtuse angle (and two acute angles)
3. right triangle--a triangle with one right angle (and 2 acute angles)

SPECIAL CASE:

4. equiangular triangle--a triangle with all congruent angles.

private

Student-view

public

Search/Browse Public Projects

INSTRUCTIONAL
ARCHITECT
A service of **NSDL**

Welcome to IA: public projects
home | login

Browse | General Search | K-12 Search | Higher Ed Search | Advanced Search | Showcase | Reset Options

Search keyword(s): submit Search tips

Restrict or Expand your results

- Require All Selected Options (fewer results)
- Require Any Selected Options (more results)

Display Options

Results per page ↓
Sort results by ↓

(Results 1 to 4 of 4)
1

| | Author | Last Modified |
|---|-------------|---------------|
| Math http://ia.usu.edu/viewproject.php?project=ia:6795 Classifying Triangles more info | B. Gilliam | Jul 24, 2008 |
| Classifying Triangles http://ia.usu.edu/viewproject.php?project=ia:8517 The activities on this page will help you learn to classify triangles. more info | Ms. Jensen | Mar 28, 2009 |
| Shapes of our world http://ia.usu.edu/viewproject.php?project=ia:1710 Shapes- circles, squares, rectangles, and triangles are every where in our world. Let's get to know and be able to use them. more info | Mrs. Korth | Mar 11, 2009 |
| Classifying Triangles http://ia.usu.edu/viewproject.php?project=ia:1962 The activities on this page will help you learn to classify triangles. more info | Mr. Herring | Dec 02, 2005 |

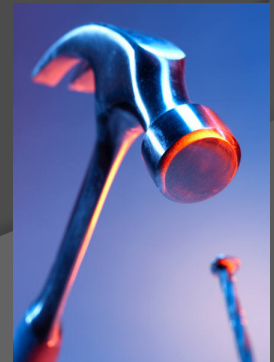
(Results 1 to 4 of 4)
1

contact us: ia@lists.usu.edu

Create an IA Project

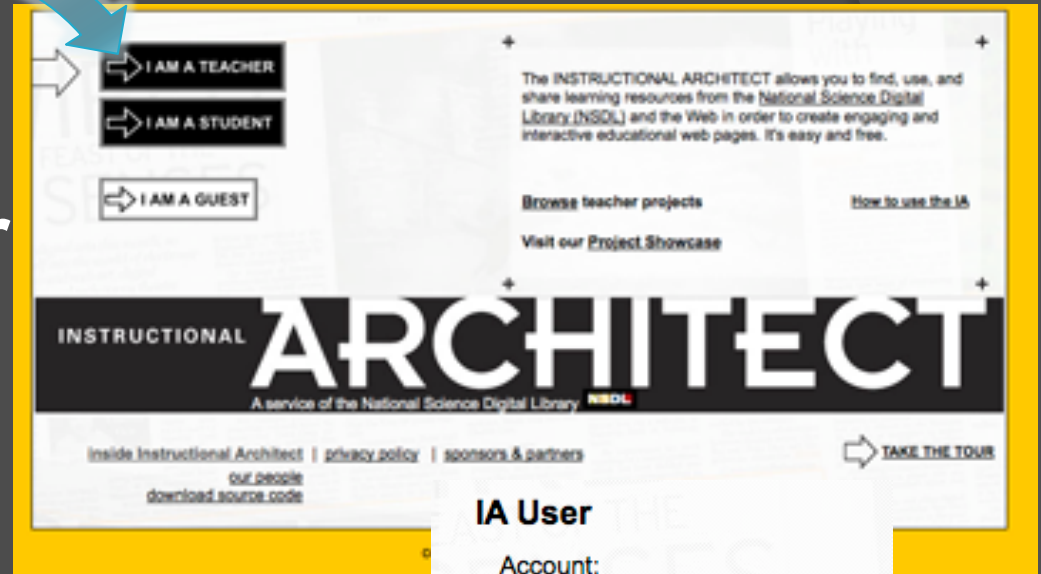


- 1) Create an account
- 2) Find & add resources
 - a) Search NSDL
 - b) Browse the IA
 - c) Add other online content
- 3) Build the IA project
 - a) Look and feel of project
 - b) Add content and resources
 - c) Rights and tags



1. Create an Account

- IA.USU.EDU
- Click I am a Teacher
- Click Register
- Fill out form



LOGIN INFO

Fields marked with an asterisk * are required.

Account Name: account name must be at least 5 characters

* <account name> - your email address is account name

Password: password must be at least 5 characters

* - this will be your IA password

Type Password Again:

STUDENT LOG-IN OPTION

word your students will use at log-in to access your projects:

<student login name>

IA User

Account:
<account name>

Password:
I forgot my password

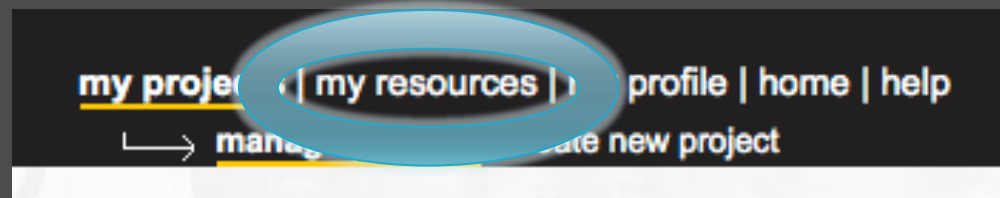
LOG-IN

OR

REGISTER
[why register?](#)

2. Find & Add Resources

- Log in as a Teacher
- Go to “My Resources”
- Make a New Folder



make a new folder:

CREATE FOLDER

Gather new resources:

- search NSDL
- browse IA projects
- add your own resources

Find and Add Resources

my projects | my resources | my profile | home | help

↳ manage resources | search nsdl | browse IA projects | add own resources



Search NSDL

INSTRUCTIONAL ARCHITECT A service of NSDL

Mrs. Leary's Resources: search NSDL [logout](#)

my projects | **my resources** | my profile | help

manage resources | **search nsdl** | browse IA projects | add own resources

Quicklinks:
- create new project
- resume editing current project

General Search | K12 Search | Higher Education Search | Specialized Search | Reset Options

Search keyword(s): [Search tips](#) **Display Options**
Results per page ↓

(Results 1 to 11 of 295)

1. Select resource(s) 2. Choose a folder 3. Click OK

| | Resource Format | Brand Title |
|--|--------------------|--|
| <input type="checkbox"/> Utah Geology http://www.ugs.state.ut.us/utahgeo/index.htm Utah Geological Survey's Web site, Utah Geology, offers a variety of interesting geological information about the state. Good descriptions, illustrations, and photographs can be accessed on earthquakes and hazards, dinosaurs and fossils, rocks and minerals, oil and energy, and more. For example, ... more info | text/html | Internet Scout Project |
| <input type="checkbox"/> Utah Geological Survey: Teaching Geology Resources http://geology.utah.gov/teacher/index.htm From Arches National Park to the towering cliffs at Castle Rock Campground, Utah has some remarkable geology on display. The Utah Geological Survey decided to draw on these fantastic "outdoor laboratories" and create a set of resources designed for science educators. While some of the resources are ... more info | pdf html ppt | AMSER: Applied Math and Science Education Repository |

Browse IA projects

INSTRUCTIONAL ARCHITECT A service of NSDL

Mrs. Leary's Resources: public projects

my projects | **my resources** | my profile | home | help

manage resources | search | **browse IA projects** | own resources

logout

Quicklinks:
- create new project
- resume editing current project

Browse | General Search | K-12 Search | Higher Ed Search | Advanced Search | Showcase | Reset Options

Search keyword(s): submit Search tips

by Grade Level
 PreK K 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th
 11th 12th

Display Options
Results per page ↓
Sort results by ↓

Restrict or Expand your results
 Require All Selected Options (fewer results)
 Require Any Selected Options (more results)

(Results 1 to 2 of 2)

1. Select resource(s) 2. Choose a folder 3. Click OK

Utah Park Brochure

<http://ia.usu.edu/viewproject.php?project=ia:3675>

You have been asked to create a brochure for one of Utah's many state or national parks to advertise to potential visitors. [more info](#) [copy to 'my projects'](#)

Mrs. Kingsford Jan 29, 2007

The wonderful forld of clay

<http://ia.usu.edu/viewproject.php?project=ia:5436>

Look at the resources provided to find Ideas for something that you would want to make [more info](#) [copy to 'my projects'](#)

Mr. Lloyd Dec 07, 2007

Add own resources

INSTRUCTIONAL
ARCHITECT
A service of NSDL

Mrs. Leary's Resources: add own resource

my projects | my resources | my profile | home | help

manage resources | search nsdl | browse IA projects | **add own resources** | logout

— create new project
— resume editing current project

Add a web site link

1. Keep the "add your own resources" page open.
2. Go to the site you want to use.
3. Copy the site address (URL) in the Navigation bar, which starts with 'http:' or 'https:'.
4. Go back to the IA and paste the link in the "Paste or type in the link (URL) or code" box.
5. Type in a title for the resource.

Embed an image

1. Keep the "add your own resources" page open.
2. Go to the site with the image you want to use.
3. Copy the link of the image. An image link usually ends with .jpg, .png, .bmp, .tiff., .gif.
4. Go back to the IA and paste the link in the "Paste or type in the link (URL) or code" box.
5. Type in a title for the resource.

Embed a TeacherTube/YouTube video

1. Keep the "add your own resources" page open.
2. Go to the site and find a video you want to use.
3. Click on the content inside the "Embed" box, and copy the link. A video link usually starts with the word <embed> or <object>.
4. Go back to the IA and paste the link in the "Paste or type in the link (URL) or code" box.
5. Type in a title for the resource.

ADD WEB RESOURCES

You can add many kinds of Web resources, including:

- Links
- Images
- Videos

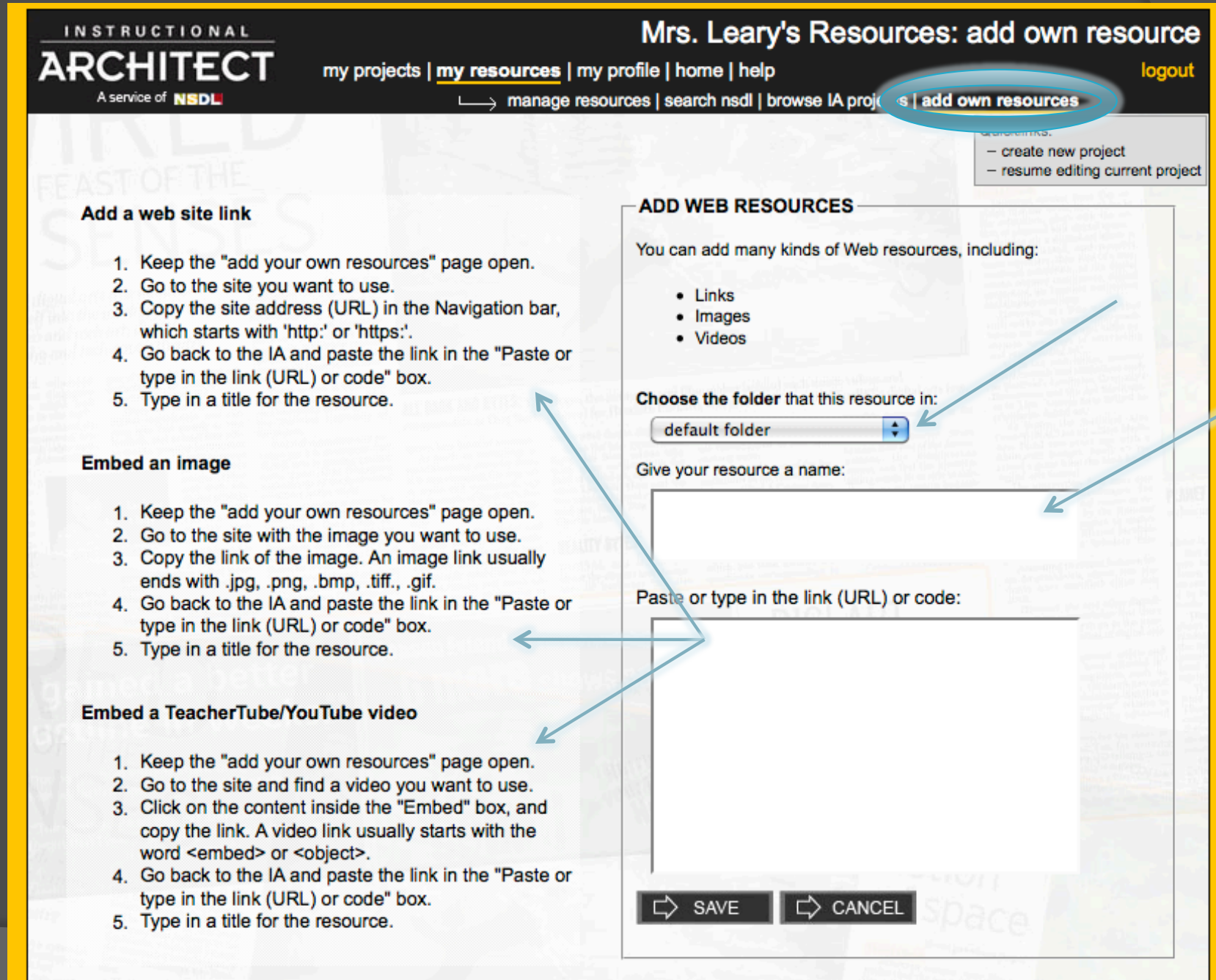
Choose the folder that this resource in:

default folder

Give your resource a name:

Paste or type in the link (URL) or code:

SAVE CANCEL

The image is a screenshot of a web application interface for adding resources. At the top, there is a navigation bar with the logo 'INSTRUCTIONAL ARCHITECT' and a service of 'NSDL'. The page title is 'Mrs. Leary's Resources: add own resource'. The navigation menu includes 'my projects', 'my resources' (which is underlined), 'my profile', 'home', and 'help'. Below this, there are links for 'manage resources', 'search nsdl', 'browse IA projects', and 'add own resources' (which is circled in blue). A 'logout' link is also present. On the right side, there are two options: 'create new project' and 'resume editing current project'. The main content area is titled 'ADD WEB RESOURCES' and contains instructions for adding various types of web resources. It lists 'Links', 'Images', and 'Videos' as supported types. Below this, there is a dropdown menu for 'Choose the folder that this resource in:' with 'default folder' selected. A text input field is provided for 'Give your resource a name:'. A large text area is labeled 'Paste or type in the link (URL) or code:'. At the bottom of the form, there are 'SAVE' and 'CANCEL' buttons. On the left side of the page, there are three sections of instructions: 'Add a web site link', 'Embed an image', and 'Embed a TeacherTube/YouTube video'. Blue arrows point from these instructions to the corresponding fields in the 'ADD WEB RESOURCES' form: one arrow points from the first instruction to the 'Paste or type in the link (URL) or code:' field, another from the second to the same field, and a third from the third to the 'Give your resource a name:' field. A fourth arrow points from the 'ADD WEB RESOURCES' title to the 'Choose the folder that this resource in:' dropdown menu.

My Resources with Resources Added

INSTRUCTIONAL ARCHITECT
A service of **NSDL**

Mrs. Leary's Resources
logout


my projects | **my resources** | my profile | home | help
↳ **manage resources** | search nsdl | browse IA projects | add own resources

Quicklinks:
– create new project

make a new folder:
 CREATE FOLDER

Gather new resources:

- [search NSDL](#)
- [browse IA projects](#)
- [add your own resources](#)

 **move resource(s) to folder** **MOVE RESOURCE**

default folder (* marks used resources)

no resources yet

[back to the top](#)

ULA 2010

| | | | |
|--|-------------------------------|-------------------------|------------------------|
| <input type="checkbox"/> Arches National Park Video | resource info | edit | delete |
| <input type="checkbox"/> U.S. National Park Service | resource info | edit | delete |
| <input type="checkbox"/> Utah Park Brochure | resource info | comment | delete |

(* marks used resources)

contact us: ia@lists.usu.edu

Create IA project-1

[my projects](#) | [my resources](#) | [my profile](#) | [home](#) | [help](#)

↳ [manage projects](#) | [create new project](#)

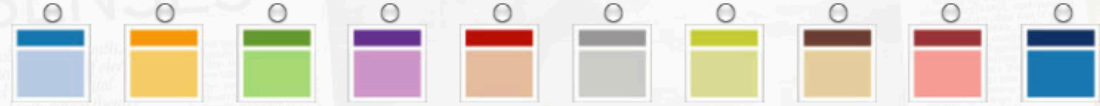
INSTRUCTIONAL
ARCHITECT
A service of NSDL

[my projects](#) | [my resources](#) | [my profile](#) | [home](#) | [help](#)
↳ [manage projects](#) | [author project](#) 1 2 3 4 5

Author Project (step 1 of 5): Theme [logout](#)

Quicklinks:
- search NSDL
- browse IA projects
- add own resource

1. Pick your color scheme:



2. Pick a theme graphic



Now that you've selected your style for your project, you can now begin building your online project.

[SAVE](#)

[SAVE & ADD CONTENT](#)

contact us: ia@lists.usu.edu



Create IA project-2

INSTRUCTIONAL
ARCHITECT
A service of NSDL

Author Project (step 2 of 5): Content

my projects | my resources | my profile | home | help
manage projects | **author project 1 2 3 4 5** logout

Color and Image were successfully saved.

MY SAVED RESOURCES & FOLDERS * marks used resources
click >>> to insert resource

- default folder no resources yet
- ULA 2010**
 - **Arches video** [R:5412657] >>>
 - **Geology Fieldnotes: Arches National Park, Utah** [R:5412647] >>>
Adobe reader needed for teacher feature only.
text/html (found at DLESE: Digital Library for Earth System Education)
 - **National Park Service** [R:5412656] >>>
text/html
 - **Utah Park Brochure** [R:2076970] >>>
text/html (found at IA)

Project Title:
ULA 2010-Arches National Park

Project Overview:
This is a demonstration for ULA 2010.


Remember to **SAVE** your work frequently.
Have problem with editing your project content? Check out our [troubleshooting tips](#).

Project Body:

Video about Arches National Park:
[R:5412657]

National Park Service:
[R:5412656]

Arches National Park Fieldnotes:

PROJECT THEME  **SAVE** **SAVE & PREVIEW**

Quicklinks:
- search NSDL
- browse IA projects
- add own resource

Mrs. Leary



ULA 2010-Arches National Park

This is a demonstration for ULA 2010.

Video about Arches National Park:



National Park Service:

[National Park Service](#)

Arches National Park Fieldnotes:

[Geology Fieldnotes: Arches National Park, Utah](#)

Create a brochure:

[Utah Park Brochure](#)



PROJECT CONTENT <

> PUBLISH OPTIONS

Create IA project-3

Create IA project-4

INSTRUCTIONAL
ARCHITECT
A service of **NSDL**

[my projects](#) | [my resources](#) | [my profile](#) | [home](#) | [help](#)

[manage projects](#) | [author project 1](#) [2](#) [3](#) [4](#) [5](#)

Author Project (step 4 of 5): Publish [logout](#)

Quicklinks:
- search NSDL
- browse IA projects
- add own resource

ULA 2010-Arches National Park

CHECK ALL PUBLISHING OPTIONS THAT APPLY:

STUDENT (enables your students to see this project)

PUBLIC (enables all users to browse for this project)

ENTER YOUR PROJECT'S CORE CURRICULUM STANDARD(S), IF APPLICABLE:

SELECT YOUR PROJECT'S SUBJECTS:

| | |
|---|---|
| <input type="checkbox"/> Math | <input type="checkbox"/> Science |
| <input type="checkbox"/> Educational Technology | <input type="checkbox"/> Health |
| <input type="checkbox"/> Physical Education | <input type="checkbox"/> Social Studies |
| <input type="checkbox"/> Art | <input type="checkbox"/> Foreign Languages |
| <input type="checkbox"/> Language Arts | <input type="checkbox"/> Engineering |
| <input type="checkbox"/> Religion | <input type="checkbox"/> Vocational Education |

SELECT YOUR PROJECT'S GRADE LEVELS:

| | | |
|-------------------------------|-------------------------------|---|
| <input type="checkbox"/> PreK | <input type="checkbox"/> 5th | <input type="checkbox"/> 11th |
| <input type="checkbox"/> K | <input type="checkbox"/> 6th | <input type="checkbox"/> 12th |
| <input type="checkbox"/> 1st | <input type="checkbox"/> 7th | <input type="checkbox"/> Vocational Education |
| <input type="checkbox"/> 2nd | <input type="checkbox"/> 8th | <input type="checkbox"/> Community College |
| <input type="checkbox"/> 3rd | <input type="checkbox"/> 9th | <input type="checkbox"/> Higher Education |
| <input type="checkbox"/> 4th | <input type="checkbox"/> 10th | <input type="checkbox"/> Adult/Continuing Education |

[PROJECT PREVIEW](#)

[SAVE](#)

[SAVE & FINISH](#)

Create IA project-5

your project can NOT be accessed by your STUDENT.
your project can NOT be accessed by the PUBLIC

Congratulations, Mrs. Leary!

You have successfully finished your project using the Instructional Architect.

The URL of your IA project **ULA 2010-Arches Nation**
<http://ia.usu.edu/viewproject.php?project=ia:13183>

Email the project URL

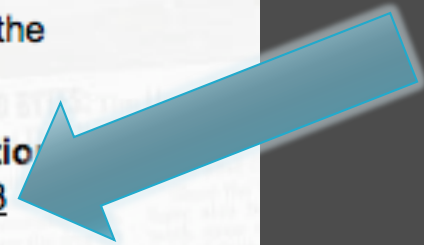
<email address>

SEND EMAIL

Download SCORM

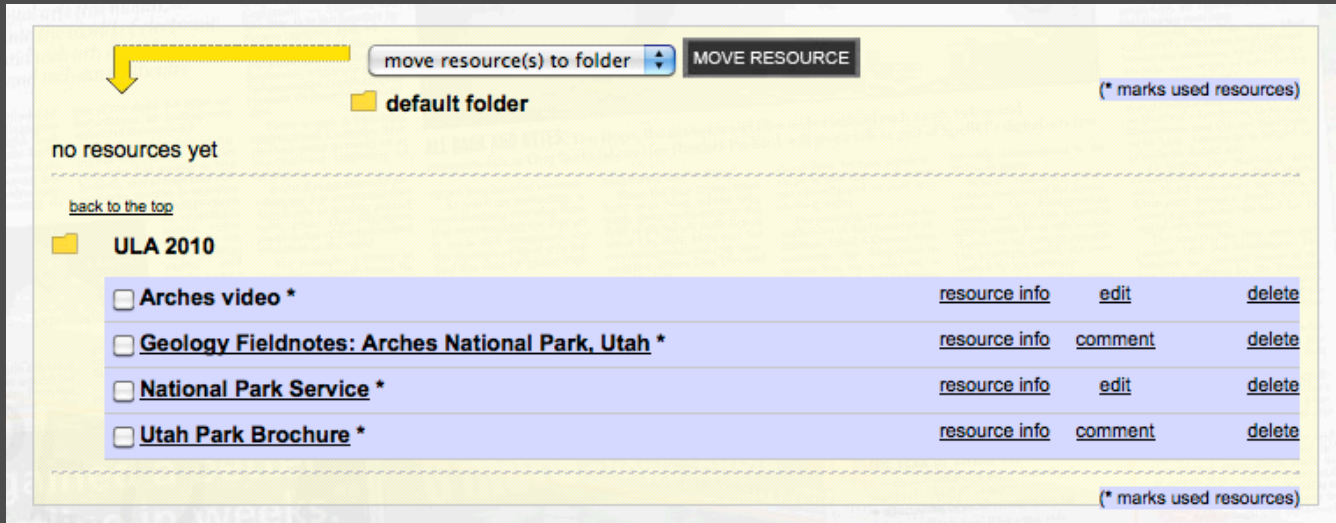
[Download](#)

PUBLISH OPTIONS



Management of:

Resources



move resource(s) to folder (* marks used resources)

default folder

no resources yet

[back to the top](#)

ULA 2010

| | | | |
|--|-------------------------------|-------------------------|------------------------|
| <input type="checkbox"/> Arches video * | resource info | edit | delete |
| <input type="checkbox"/> Geology Fieldnotes: Arches National Park, Utah * | resource info | comment | delete |
| <input type="checkbox"/> National Park Service * | resource info | edit | delete |
| <input type="checkbox"/> Utah Park Brochure * | resource info | comment | delete |

(* marks used resources)

Projects



ULA 2010-Arches National Park
(created: Apr 09, 2010)
(modified: Apr 09, 2010)
[more info](#)



Publication Pending

[change theme](#)
[edit content](#)
[publish options](#)

[copy](#)
[archive](#)
[delete](#)



This is a demonstration for ULA 2010.

Video about Arches National Park:



National Park Service:

[National Park Service](#)

Arches National Park Fieldnotes:

[Geology Fieldnotes: Arches National Park, Utah](#)

Create a brochure:

[Utah Park Brochure](#)



Questions?

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Anne Diekema – anne.diekema@usu.edu

Sheri Haderlie – sheril.haderlie@usu.edu

<http://toolsforusingandorganizingonlineresources.wikispaces.com>