

Georgia Southern University

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Georgia International Conference on
Information Literacy

Sep 30th, 8:30 AM - 9:45 AM

Collaborating for Success! Building a Digital Learning Object Repository

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COLLABORATING FOR SUCCESS!

Building a Learning Object Repository



FLORIDA  STATE COLLEGE
AT JACKSONVILLE™

Presenters

Dr. Ronald L Carr, e-Learning Instructional Designer

Shannon Dew, Director of Online Library Services

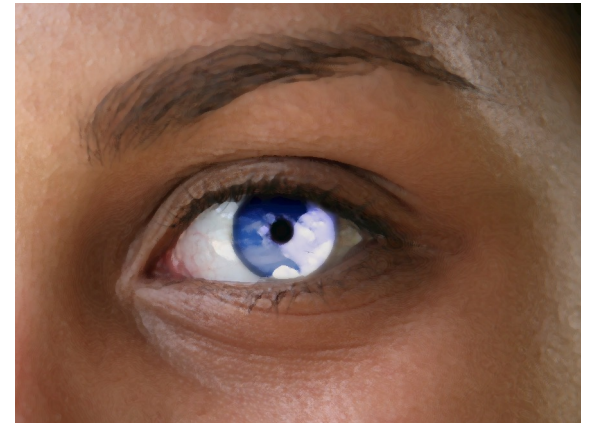
Barbara Markham, Faculty Librarian

Sharon Uskokovich, Faculty Librarian



Agenda

- Introduction
- Background of Project
- Collaboration Between the Center for e-Learning and the Library
- Learning Objects
- Learning Object Repository
- Next Steps



Florida State College at Jacksonville

About FSCJ Libraries

- 4 campuses and 3 centers
- 7 libraries and 6 full-time librarians
- College and State University Consortium
- Shared ILS and Discovery Tool
- 180+ Research Databases
- Print collection holdings: 152,668
- Media collection holdings: 15,664
- Electronic book holdings: 35,937
- Libguides: 130



Library Partnership

Learning Objects at FSCJ

- 200+ courses with over 2000 learning objects
- Work with a team
- Subject Matter Experts
- Reliable resources for faculty and students



Library Partnership

Why Librarians?

- Point-of-contact for faculty
- Skilled professionals
- Library science cataloging principles
- Organization of information



Library Partnership



Why Blackboard Open Content?

- FSCJ already owns through LMS
- Ability to upload learning objects with metadata and tagging
- Easily adds content to Blackboard courses
- Contains educational content from other institutions and organizations
- Can be “open” to all users or just for FSCJ

Learning Objects in the Instructional Design Process

FSCJ Online Center for eLearning

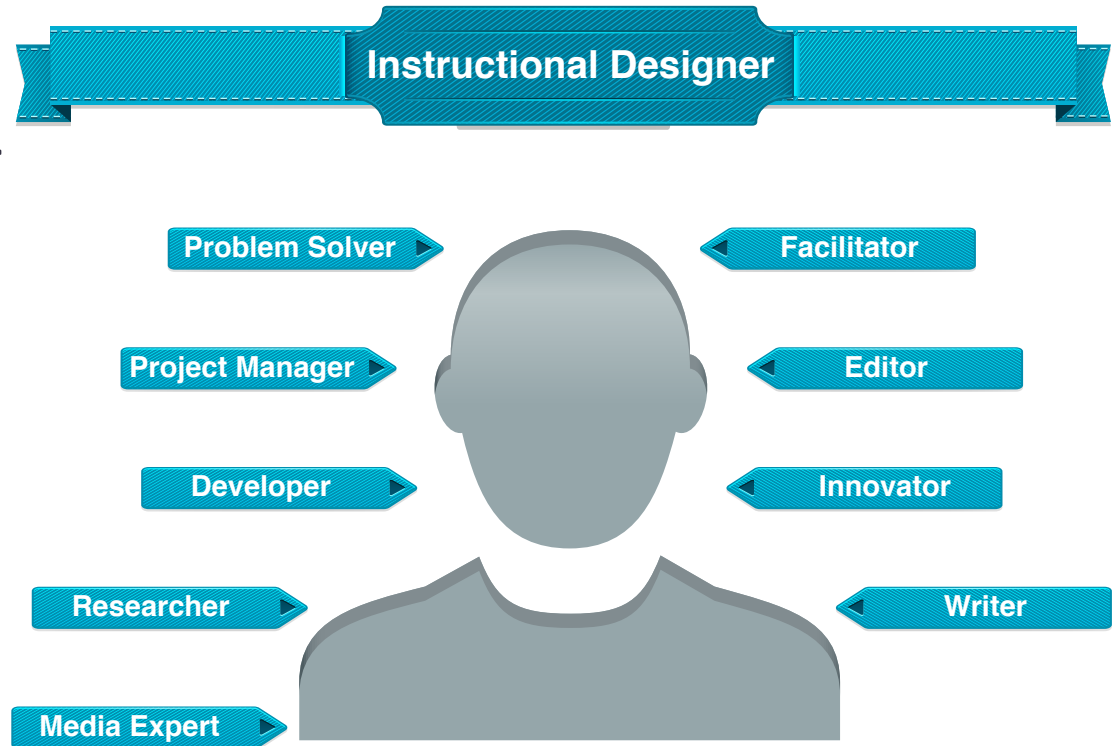
It's a Partnership

- Instructional Designers
- Faculty members are Subject Matter Experts (SMEs)
- Multimedia Designers
- Web Developers
- Librarians



Instructional Designer (ID)

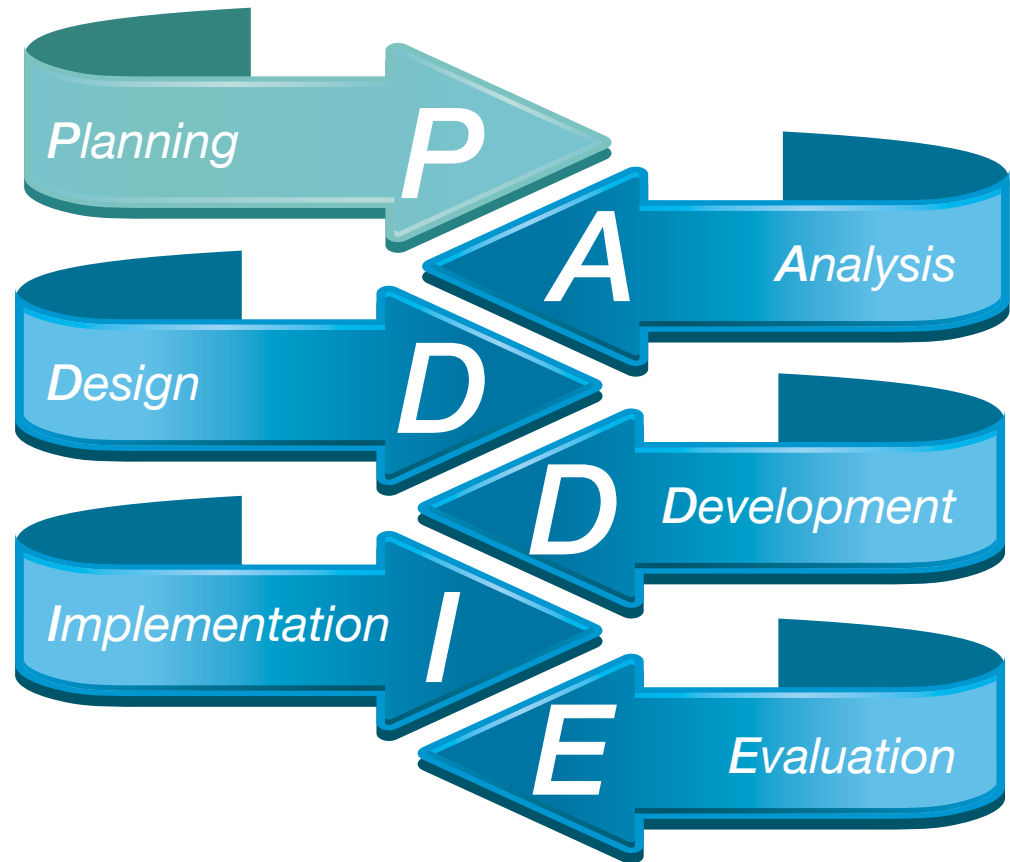
- Project Manager
- Scheduler
- Proofreader and Editor
- Alpha and Beta Tester



Overall CeL Process

Best Practices

- **Planning** – initial meeting(s) and project planning.
- **Analysis** – goal setting, content analysis, & assessments.
- **Design** – calendar of activities and course syllabus.
- **Development** – introduction & objectives, lecture content, & course building.
- **Implementation** – instructor materials.
- **Evaluation** – formative & summative evaluation, mid-point and final course review.



CeL Course Advantages



ADA compliant

- Follows Accessibility Standards for 504 and 508 (ADA Compliant)
- Videos are captioned and transcribed.



Cross-platform

- Works across any browser on any platform



Copyright Compliant

- Meets copyright restrictions



Learning Outcomes

- Meets college prescribed Student Learning Outcomes (SLOs)



Visually Engaging

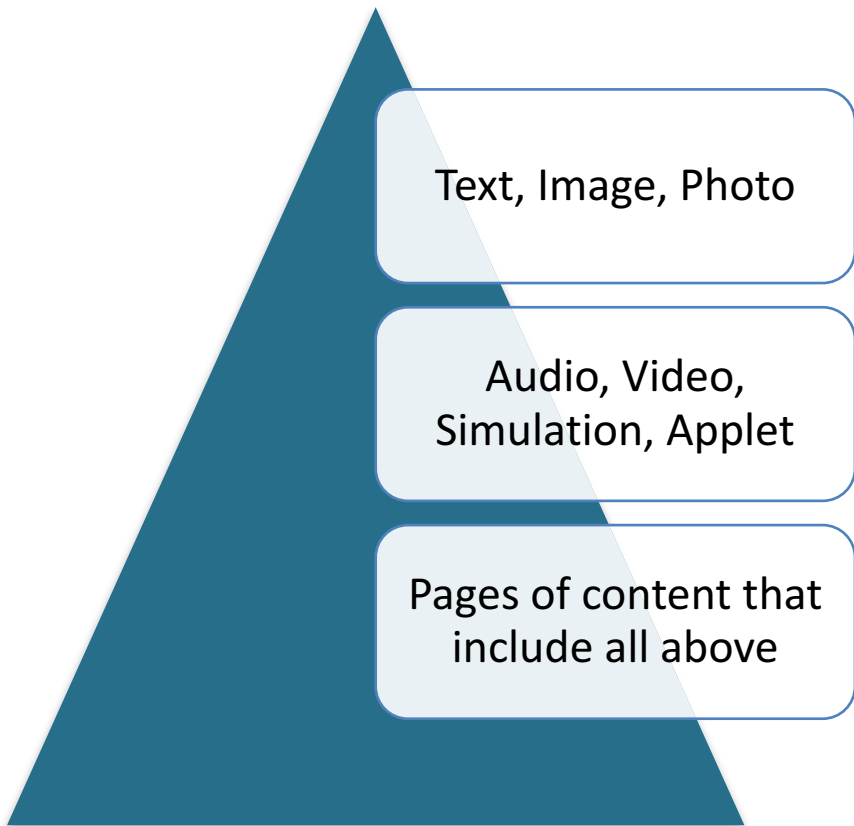
- Custom graphics showcases content



Usability

- Consistent and user-friendly navigation across all courses

Learning Object (LO)



Characteristics of LOs

- Learning objective-based content or activity
- Succinct
- Metatagged for shareability
- Independent to be available as-needed

Learning Object (LO)

In general, learning objects:

Are **self-contained** – each learning object can be consumed independently

Are **reusable** – a single learning object may potentially be used in multiple contexts for multiple purposes

Can be **aggregated** – learning objects can be grouped into larger collections, allowing for their inclusion within a traditional course structure

Are **tagged with metadata** – every learning object has descriptive information allowing it to be easily found by a search -- which facilitates the object being used by others.

Learning Object (LO)

Learning objects allow for learning that is:

Just enough – if you need only part of a course, you can use the learning objects you need

Just in time – learning objects are searchable, you can instantly find and take the content you need

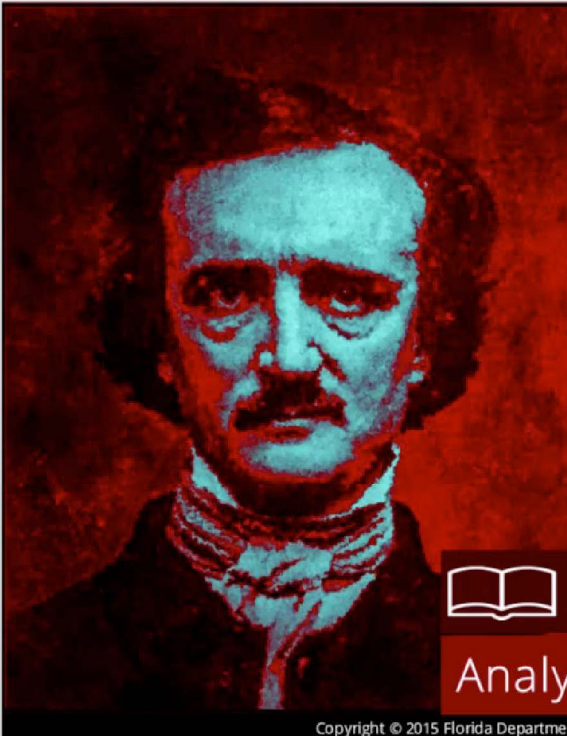
Just for you – learning objects allow for easy customization of courses

Example of Learning Object (LO)

Interactive Tutorial – FloridaStudents.Org

Florida State University – Learning Systems Institute

Analyzing POetry



English Language Arts Grade 7

Analyzing POetry

Copyright © 2015 Florida Department of Education

Outline Captions

- 1. Opening Slide
 - 1.1. Objectives
 - 1.2. Terms To Know
- 2. Sound Devices: Repetition
 - 2.1. Practice: Repetition
- 3. Sound Devices: Alliteration
 - 3.1. Practice: Alliteration
- 4. Sound Devices: Assonance
 - 4.1. Practice: Assonance
- 5. Review: Sound Devices
 - 5.1. Practice: Alliteration & Repetition
- 6. "Annabel Lee"
 - 6.1. Practice: Repetition
 - 6.2. Practice: Alliteration
 - 6.3. Practice: Assonance
 - 6.4. Final Practice: Repetition
- 7. Lesson Review
- 8. Closing Slide

Search...



Example of Learning Object (LO)

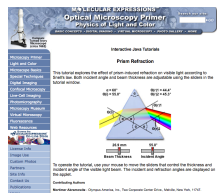
Simulation– Binary Threshold Level Selection

Florida State University – National High Magnetic Laboratory

Binary Threshold Level Selection

When creating a binary image having only two intensity levels (black and white) from an original grayscale digital image that has 256 possible intensity values (for an 8-bit image), a **binary threshold level** must be chosen to designate the intensity level at which binary segregation occurs. This interactive tutorial explores the use of various algorithms utilized in the methodology for choosing a single binary threshold level. The more general case of **multiple threshold level selection** is discussed in the **Binary Slicing** tutorial.

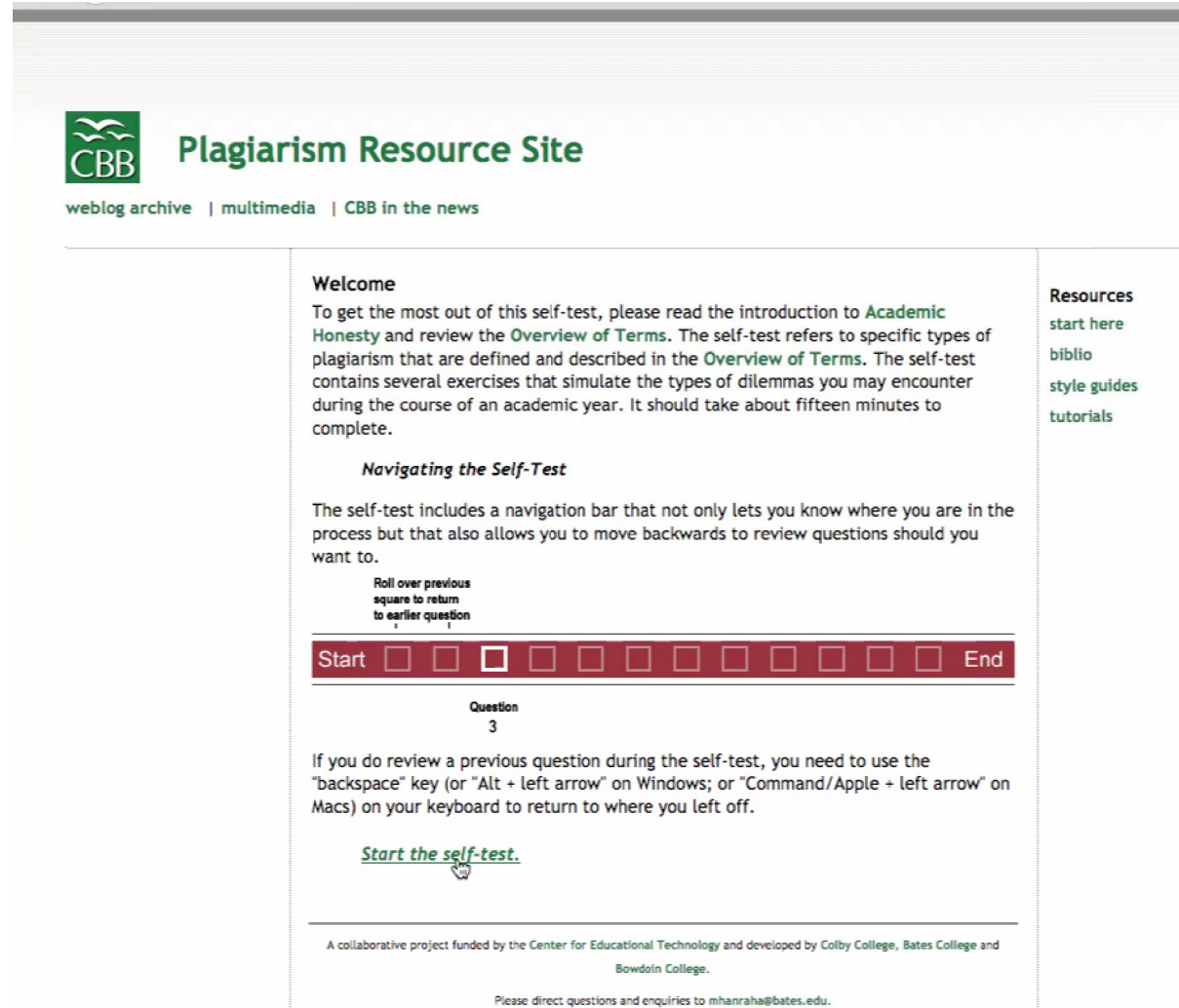
The screenshot shows the 'Binary Threshold Level Selection' simulation interface. It features a 'Specimen Image' of a diatom frustule on the left and a 'Grayscale Histogram' on the right. The histogram shows a distribution of pixel intensities from 0 to 255, with a vertical red line indicating the 'Threshold Level = 127'. Below the images are two dropdown menus: 'Choose A Specimen:' set to 'Diatom Frustule (HMC)' and 'Choose A Method:' set to 'Level Selection'. At the bottom, there are two buttons for 'Display Image:' ('Original Grayscale' and 'Binary') and a slider for 'Threshold Level: 127'.



Example of Learning Object (LO)

Quizlet – Plagiarism
Resource Site

Bates College– Learning
Systems Institute



The screenshot shows the homepage of the Plagiarism Resource Site. At the top left is the CBB logo (Colby College Bates College). To its right is the text "Plagiarism Resource Site". Below this are links for "weblog archive", "multimedia", and "CBB in the news". The main content area is divided into two columns. The left column contains a "Welcome" message, a "Navigating the Self-Test" section, and a "Start the self-test." link. The right column contains a "Resources" section with links for "start here", "biblio", "style guides", and "tutorials". At the bottom of the main content area, there is a footer with funding information and contact details.

Welcome

To get the most out of this self-test, please read the introduction to **Academic Honesty** and review the **Overview of Terms**. The self-test refers to specific types of plagiarism that are defined and described in the **Overview of Terms**. The self-test contains several exercises that simulate the types of dilemmas you may encounter during the course of an academic year. It should take about fifteen minutes to complete.

Navigating the Self-Test

The self-test includes a navigation bar that not only lets you know where you are in the process but that also allows you to move backwards to review questions should you want to.

Roll over previous square to return to earlier question

Start End

Question
3

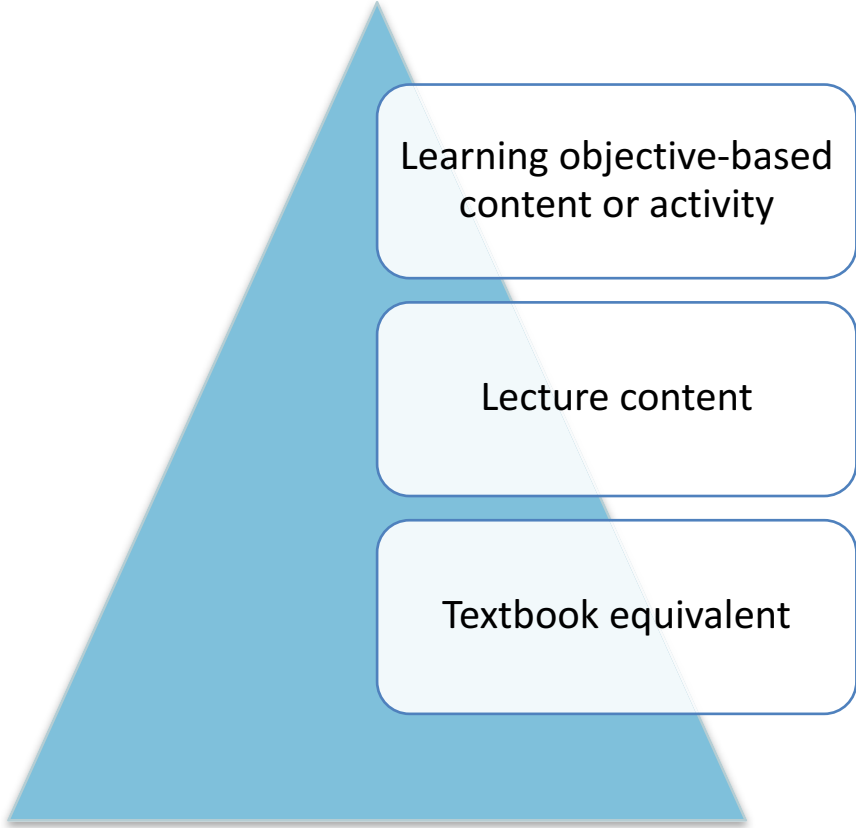
If you do review a previous question during the self-test, you need to use the "backspace" key (or "Alt + left arrow" on Windows; or "Command/Apple + left arrow" on Macs) on your keyboard to return to where you left off.

[Start the self-test.](#)

A collaborative project funded by the Center for Educational Technology and developed by Colby College, Bates College and Bowdoin College.

Please direct questions and enquiries to mhanraha@bates.edu.

Learning Objects at FSCJ



Learning objective-based
content or activity

Lecture content

Textbook equivalent

The PowerPoint Problem



Microsoft
PowerPoint

Accessibility

Visual Design

Is the type large enough

Is there enough white space

Are the columns too wide to read easily

Does the background contrast the foreground enough.

In the Code

Each graphic needs an alt tag
Anchor elements get enhanced

Easy nav links from beginning of page skip to content

Link from nav to content

All roads lead to the content.

ARIA Roles

Accessible Rich Internet Applications

Roles define the function of an element

example (ul role="navigation")

Valid Semantic HTML

Largest positive impact

Small amount of effort

Screen Readers understand the content

End user can leverage built in tools easier

Use simple tags for content, Header, Paragraph, List tags.

Usability

Laptop /
Desktop

Tablet

Smart Phone

1 2 3 4 5 6 Navigation Help

Learning Styles

The old saying that knowledge is power is very true when it comes to knowing yourself and how you learn. If you understand your preferred way of learning and develop the study strategies that can maximize those preferences, you will increase your likelihood of success in your college coursework and in life (O'Toole, 2008).

Knowing the types of information you need, the way you best perceive this information, and how you process information to make sense of it equips you to request what you need from instructors. That puts you in control of your education. Students without this understanding find themselves frustrated because they cannot articulate what they need. Sometimes they doubt their abilities because they are experiencing difficulty in a particular course where a professor may have a very different style (Felder & Spurlin, 2005).

There are **three important things** to keep in mind with respect to learning styles.

First A person does not have just one learning style but uses a variety of styles relative to preferences:	Second On any given measurement of learning styles: <ul style="list-style-type: none">• There is no one best learning style	Third learning styles are learned: <ul style="list-style-type: none">• Through practice, a person can learn other ways of perceiving and
--	---	--

1 2 3 4 5 6 Navigation Help

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Learning style means your personal preference for the way you take in, organize, and process information. Learning style can be applied to any type of media from books to virtual reality (Chwen & Seong, 2005).

1 2 3 4 5 6
Navigation Help

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Pages (tabs) are NOT browser dependent

4 5 Navigation Help

What is happiness?

We'll begin our look at the field of Positive Psychology by exploring the concept of happiness. Before you watch this short video, think about these questions:

- How do you define happiness?
- Is it something inside or outside of your control?
- Is it possible to make yourself happier?
- What are the elements that control our happiness?

Think about it

- Did your answers to any of the questions above change as a result of watching the video?
- What do you think are the elements of happiness that we can control?

Genetics 50%

Intentional Activity

Circumstances 10%

Select this [link](#) for a video transcript.

Reference: Lyubomirsky, S., Sheldon, K. M., & Schkade, D. (2005). Pursuing happiness: The architecture of sustainable change. *Review of General Psychology* 9(2). Retrieved from [Pursuing Happiness: The Architecture of Sustainable Change PDF](#)

Can be embedded or linked

Are captioned and transcribed

Video

The Learning Object can play any kind of media with user controls. Media is captioned and transcribed.

CeL Demo Learning Object - Mark 2

Center for eLearning | Learning Object Demo

1 2 3 4 5 6 7 8 Navigation Help

Introduction

Our Mission

Here at the Center for eLearning we are in the business of making courses for the Web. We have a team of instructional designers that work with subject matter experts to build the content for each course. Understandably, content is often delivered to us in a format that cannot be rendered using a web browser. For example, Powerpoint files, Word files, photoshop files, and such.

As a reaction to that we put all of our content into our web based learning object. This ensures all of our content complies with existing web standards, is accessible,

Responsive Design

We do our best here at the Center for eLearning to make sure that our content is consumable by each student who experiences our courses. We also want to make sure that it looks good, and is as future proof as possible. With that in mind, our goal for the learning object was a lofty one...device agnosticism.

To achieve our goal we turned to a responsive design development pattern. With a little forethought this has allowed us to deliver to our core audience, remain device agnostic, and retain all of our accessibility all in one fell swoop. Now, the same bit of code works across most devices, both mobile and desktop, and is resolution independent. Try it... take your browser window and resize it. Our design adapts & adjusts based on the width of your browser window. During the design process we make little tweaks to the typography, and sizes of things so the content looks good, and is consumable, at any device resolution.

CeL Demo Learning Object - Mark 2



REL2300

Module 1 - Understanding Religion

1

2

3

4

5

6

7

8

Navigation Help

What is Religion?

What does it mean to be a world religion? Before we can answer that question, some background as to what religion is and how to define it is necessary.

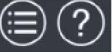
The word religion comes from two Latin terms *re*, meaning "again", and *ligio*, meaning "connect" or "join". Literally, therefore, religion means to connect or join together again. This makes sense if religion is viewed through the lens of sociology. Since Emile Durkheim first conceived the study of sociology in the early twentieth century, sociologists have noted that one primary purpose of religion is to formulate group identity. Indeed, when we think of the aspects of religion, we do not think of it as a belief espoused only by individuals, but as the convictions shared by large communities of believers.



CeL Demo - Mark 3 - Protozoa



AST1002
Learning Unit 3

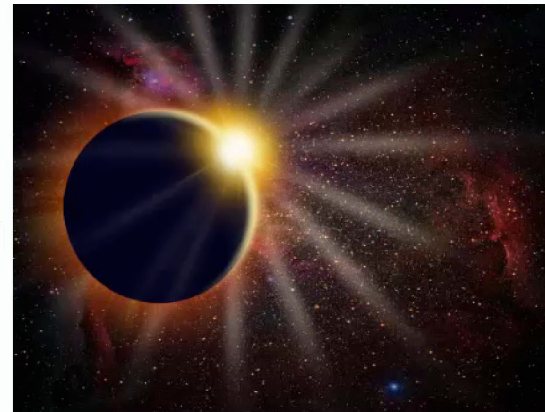


1 | Motions of Objects

There are several basic motions of bodies. Rotation is the spinning of an object around its axis. Earth rotates once approximately every 24 hours, whereas Jupiter rotates once approximately every 10 hours.

At any moment, half of the Earth is illuminated by the Sun, because of the fact that most of our light comes from the Sun. As the Earth rotates from west to east, your location moves from the dark (night) hemisphere into the illuminated (day) hemisphere and back again. The diurnal (daily) motion of the stars, the Sun, and the Moon is a consequence of Earth's rotation.

Another motion is Revolution; that is, one object orbiting a second. Earth revolves around the Sun approximately every 365.24 Earth Days (1 Earth year), and Jupiter revolves around the Sun approximately every 11.86 Earth Years (1 Jovian year). As the Earth revolves or orbits around the Sun, the nighttime side of the Earth (or any other body orbiting the Sun) gradually turns toward different parts of the night sky.



LO Discovery and Cataloging



(Course is unavailable to students) > Course Content



- InformationLiteracy
- Announcements
- Course Information
- Course Content
- Discussions
- Assignments
- Tools
- My Grades

COURSE MANAGEMENT

- Control Panel
- Content Collection →
- Course Tools
- Evaluation →
- Grade Center →
- Users and Groups
- Customization →
- Packages and Utilities →
- Help

Course Content

- Build Content
- Assessments
- Tools
- Partner Content

<p><i>Create</i></p> <ul style="list-style-type: none"> Item File SoftChalk ScoreCenter Content <hr/> <ul style="list-style-type: none"> Audio Image Video Web Link <hr/> <ul style="list-style-type: none"> Learning Module Lesson Plan Syllabus Course Link Content Package (SCORM) Evolve 	<p><i>New Page</i></p> <ul style="list-style-type: none"> Content Folder Module Page Blank Page <hr/> <p><i>Mashups</i></p> <ul style="list-style-type: none"> Flickr Photo SlideShare Presentation YouTube Video Wimba Voice Authoring xpLor Content Kaltura Media
---	--

Resources

companion
ting

de

skills. Having these skills will help you as a researcher. Information
d,
world examples
tant to



Introductory Sociology: Module 10

In module 10 students will learn about government and the economy as well as health and the environment. They will study the different perspectives and organizations that are involved in these areas.

DASHBOARD

Welcome to the xpLor Dashboard!

The xpLor Dashboard is your command center for content, channels and student submissions. The Dashboard provides quick links to finding content as well as content you have created and content you have used in your courses. It can be reached at any time by clicking the xpLor logo. [Tell me more...](#)

**Discover** ?

By grade level | By standards alignment

**Create** ?

Page, File, Link, Quiz, more... | Import common cartridge

**My Content** ?

1,012 Published

**Course Content** ?

CeLLearningObjects_OC

**Channels** ?

Create | 40 Subscribed | 40 Managed

ACTIVITY MANAGER

**Submissions** ?All ungraded
Ungraded assignments
Ungraded quizzes**Discussion Posts** ?**Import / Export Status**



CREATE

**Page**

create a new page from scratch

**File**

upload a file from your computer

**Link**

add a link to a website

**Collection**

sequence and organize a collection of learning objects

**Quiz**

add a test or practice exercise

**Assignment**

add a dropbox for a homework assignment

**Discussion**

add a topic for a threaded discussion

IMPORT

**Common Cartridge**

create a collection from a common cartridge



Creating a Resource...

Resources can be used to author a variety of content. The content editor allows you to customize the format of your content and attach additional files and images. After creating the content, publish your resource such that other users who are approved for sharing can reuse your material under the designated copyright. [Tell me more...](#)

Link Editor ?

Title

LINK SETTINGS ?

URL

DISCUSSION SETTINGS ?

Enable student discussion for this resource

About

SHORT DESCRIPTION

COPYRIGHT LICENSE ?

edit

Barbara Markham



SHARING

edit

Share With

[Florida State College at Jacksonville](#)

[Add Channels](#)

[Add Individuals](#)

Approved users may also

add grade levels, tags and standards

add resource to channels

CHANNELS ?

GRADE LEVELS ?

TAGS ?

recent tags

Publish

Save Draft

Cancel

DASHBOARD

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Create | 40 Subscribed | 40 Managed

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**Submissions** ?All ungraded
Ungraded assignments
Ungraded quizzes**Discussion Posts** ?**Import / Export Status**

TAGS : FSCJ

- Contributor
- Grade Level
- Resource Type
- Standard
- Tag**

You found some content! What's next?

Choose your content

Resources are individual pieces of content; collections can be an entire course worth of resources. [Tell me more...](#)

Add

- Add to Course(s)...
- Add to Collection(s)...
- Add to Channel(s)...
- Add to Favorites
- Download as Common Cartridge...
- Generate Launch URL...

RESOURCES (904)



Accounting for Managers: Chapters 7 and 8

CEL Xplor - 4/29/2015

In these videos students will learn accounting for and presentation of liabilities and for owners' liability.



World Geography – East Asia: Module 10

CEL Xplor - 6/30/2015

In this module students will learn about the cultural and physical geography of East Asia.



Humanities in the Americas - Art for the People, Life During the Great Depression: Module 12

CEL Xplor - 7/1/2015

This module discusses the art created under the Federal Arts Project which sponsored murals in public buildings. At this time social realists depicted industrial workers in their art and the German Bauhaus movement influenced American architecture.



Introduction to Business - Foundations of Business: Module 1

CEL Xplor - 7/1/2015

In this module students will learn about the principle foundations of business including: business terminology, factors of production, business ethics, micro and macroeconomics, supply and demand principles, and world markets.



Cultural Geography: Module 1

CEL Xplor - 7/1/2015

In this module students will learn about the organization of geography and the tools that geographers use to study the world. This module will help in their study of cultural geography.



COLLECTIONS (0)

No matching collections were found

TAGS: [ESC]

Add







- Add to Course(s)...
- Add to Collection(s)...
- Add to Channel(s)...
- Add to Favorites
- Download as Common Cartridge...
- Generate Launch URL...

You found some content! What's next?

Choose your content

Resources are individual pieces of content; collections can be an entire course worth of resources. [Tell me more...](#)

RESOURCES (11)

- 
Art History from Pre-History to 15th Century: Module 11
 CEL Xplor - 5/6/2015
 In this module students will learn about art, sculpture, and architecture from Renaissance Italy.
 ★★★★★
- 
Art History from Pre-History to 15th Century: Module 13
 CEL Xplor - 5/7/2015
 In this module students will study painting and sculpture from High Renaissance Italy.
 ★★★★★
- 
Art History from Pre-History to 15th Century: Module 12
 CEL Xplor - 5/7/2015
 In this module students will study Italian High Renaissance art and sculpture.
 ★★★★★
- 
Art History from Pre-History to 15th Century: Module 15
 CEL Xplor - 5/7/2015
 In this module students will learn about the influence of the Reformation in 16th century Northern Europe on Renaissance art.
 ★★★★★
- 
Western Civilization through 1589: Module 7
 CEL Xplor - 7/6/2015
 This learning objective is designed to provide an overview of Niccolo Machievelli's role in and contribution to the Renaissance through a brief examination of his well-known and controversial work, The Prince. This overview will highlight the broader nature of the
 ★★★★★
- 
Humanities in the Americas - The Primitive, the Influence of Native America, Mexico, and Africa: Module 12

COLLECTIONS (0)

No matching collections were found

xplor renaissance CelLearningObjects_OC

Music Appreciation - The Middle Ages & Renaissance: Module 2

Click the link URL to open in a new window: <http://cel.fscj.edu/LOR/MUL1010-M2>

Add


- Add to Course(s)...
- Add to Collection(s)...
- Add to Channel(s)...
- Add to Favorites
- Download as Common Cartridge...
- Generate Launch URL...

The Middle Ages & Renaissance

4 5 6 7 8 Navigation Help

Music in the Middle Ages

During the Middle Ages, spanning roughly the years of 450-1450, musicians worked for churches, courts, and towns throughout Europe. Churches and cathedrals were the center of musical activities. To attain some concept of the importance of the church, all segments of society felt the powerful control of the Roman Catholic church. Monks in monasteries were the most learned; most people - including the nobility - were illiterate during this span of time. Vocal music was considerably prevalent over instrumental music. Secular music and dance flourished.



Back to Top

Close

Select a learning object and easily add to a course

es & Renaissance

7

8

Navigation Help

e Middle Ages

he years of 450-
s, and towns
Is were the
concept of the
ciety felt the
rich. Monks in
eople – including
1 of time. Vocal
umental music.



About

★★★★★

Your rating: --

Average rating: -- (0 reviewers)

SHORT DESCRIPTION

This module covers music in the middle ages such as Gregorian chant and estampie. Students will learn about the notable characteristics of Renaissance music like word painting and a capella. This module discusses sacred renaissance music such as the motet and secular music such as passamezzo.

SHARING

This resource is shared with:

 1 Institution

CHANNELS

No associated channels

GRADE LEVELS

No grade levels applied

TAGS

FSCJ

MUL1010

Music Appreciation

Each module contains a short description.

Modules are indexed by keywords and tags.

Moving Forward

Next Steps: Where Do We Go From Here?

- **Design Aspects**

- Standardization of how, what and when LO's are used
 - [Learning Object Request Form](#)
 - Procedure/policy to add tags
 - ADA compliant

- **Implementation Aspects**

- Centralized training for staff and faculty
- Promoting use
- Faculty provided content
- Sharing resources publicly—
FSCJ copyright
- [LO Libguide](#)

Open Educational Resources and Learning Objects: FSCJ Learning Objects

This guide is designed for FSCJ faculty to discover learning objects and other open educational resources. Faculty will also find information on adding and uploading content to share with colleagues.

Open Educational Resources	FSCJ Learning Objects	Open Textbooks	OER Repositories	Adopting and Evaluating OER	Successful OER Implementation
Creative Commons	Copyright	Accessibility Guidelines	Planning	Resources for Faculty	

Welcome!

Please use this guide to find information on how to discover and share learning objects and open educational resources.

Introducing Blackboard xPLor



Learning Objects Defined

What is a Learning Object?

Learning objects are digital materials with defined instructional value used to improve teaching and learning. Some examples of learning objects are:

- Websites
- Audio and video clips
- Presentations
- Tutorials
- Assignments, and assessments

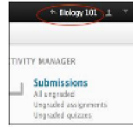
The Librarians at Florida State College at Jacksonville have developed a learning object repository using a Blackboard product, XpLor.

Getting Started



Tool Availability

Is xpLor not listed as a Mashup? View this tutorial on how to make xpLor accessible through Blackboard



Moving Between xpLor and Blackboard

This guide will show you how to move between xpLor and Blackboard Learn.



Getting Started with xpLor

Here are a few slides that show how to search using "FSCJ" created channels



Discovery

Here is some helpful information on how to search for learning objects in xpLor.

Learning Objects in the Library

Discover, Create, and Share:

Our FSCJ librarians are available to assist you with discovering learning objects using the Blackboard xpLor learning object repository. Please contact a Faculty Librarian for assistance.

Faculty Resource Centers:

Several FSCJ campuses and centers have faculty resource areas with software designed to help with the creation of learning objects. Some software programs include:

- TechSmith Camtasia Studio
- TechSmith Snagit
- Adobe After Effects
- Adobe Creative Suite Design
- Adobe Lightroom
- Apple Final Cut Pro
- Mediaspace
- Apple Quicktime

Contact the [campus](#) for more information.

Suggestions and Feedback



Provide Feedback

Select this link to provide feedback and/or suggestions for improvement of the learning object repository.

Learning Object Repository Request



Request to Add

Select this link to request to have learning objects that you developed added to xpLor. Please fill in as much information as possible. If the learning object is a file from your computer, a librarian will contact you for more information.

Name: Please enter your name

Email Address: Please enter your email address

Title of Learning Object

Suggested course(s) in which it could be used

Type of Object

- File from your computer
- Link to a website
- Organized collection of learning objects
- Video

Web Address (if applicable)

****Please note that you will receive a separate email request for access to upload a file or presentation not available online**

Summary: Provide a brief description of your learning object. Include a statement explaining the benefit to the student and possible uses.

Keywords: Please list a few keywords associated with your learning object that will help faculty discover it when searching

Learning Outcomes: Which learning outcomes are aligned with this learning object (refer to the course outlines for the course)?

Submit

Take Away

- **Considerations**

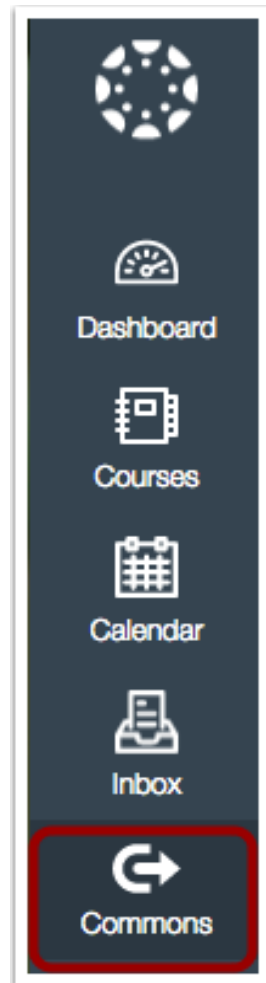
- Consider LO's as a way of reducing reliance on textbooks
- Consider removing/replacing PowerPoint in online courses
- Consider LO repository design alternatives



TAKE AWAY

LO Repository Design Alternatives

Learning Management Systems



- Canvas Commons is a learning object repository that allows Canvas users to share learning resources.
- Commons is available in all Free for Teacher (FFT) accounts. Free for Teacher users are limited to finding, importing, and sharing public resources.

Learning Management Systems



- Desire2Learn is a course management system
- A Learning Object Repository (LOR) can be set up in Desire2Learn (Brightspace)
 - [Brightspace Learning Repository](#)
- [Lansing Community College Library LOR](#)

LibGuides

About ▾ Libraries & Hours Using the Library ▾ Help & Services ▾ Search Tools ▾



University Library / LibGuides / Learning Objects / Presenting/Web Conferencing

Learning Objects

helping to improve teaching and learning through digital materials

Enter Search Words

Home

Assessment Tools/Tests

Audio/Podcasting

Games

Infographics

Literature and Research

Mashups and Miscellanea

Mobile Device Tools

Music Sources

Photo/Image

Presenting/Web Conferencing

Powerpoint/Flash Converters

Quiz/Survey

Repositories

Screencast

Simulations/Animation Tools

Teaching Resources

Storage Systems

Software for Learning Objects

Video

Web Authoring

Featured Tools




Web Conferencing Tools



- [Adobe Connect](#)

College Webpages

CAL POLY POMONA | A Legacy of W.K. Kellogg

SEARCH 

multimedia learning objects

Home Browse About eLearning

Engaging experiences through
instructional design + multimedia.

Weave Technique
College of Agriculture

An interactive simulation demonstrating the differences between plain, twill, and satin weaves. It gives the user a microscopic representation of what the weaves look like up-close. ...

[click here to view object](#)

Newest Learning Objects

Keyword Cloud

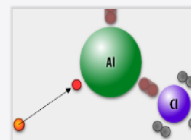
atom literacy mirrors bond genes
ion electron chemistry microscope
library lenses fashion refraction
snells law RNA DNA molecule
merchandising engineering
median voter theorem
photosynthesis design linkage
disequilibrium hookes law
magnifying glass proteins

physics

biology momentum evolution
apparel science energy
pendulum principal ray
diagram

January 11, 2016 Making Molecules: Dot Structures

College of Science



Practice building Lewis Dot Structures from atoms and ionic compounds from the component ions.

September 15, 2015 Gene Structures

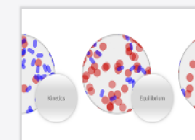
College of Science



This tool assist in learning the "parts" that make up a gene in order to facilitate understanding how gene expression is regulated.

December 23, 2014 Chemical Kinetics and Equilibrium

College of Science



This simulation (containing an interactive data table, graph, and animation) models the time dependence of Chemical Kineti...

[Cal Poly Pomona Multimedia Learning Objects](#)

College Webpages

TEXAS A&M UNIVERSITY CORPUS CHRISTI [Info For](#) [Directions](#) [Academic Calendar](#) [Apply Now](#) 

[About Us](#) | [Academics](#) | [Become an Islander](#) | [News](#) | [Athletics](#) | [Research](#)  MAKE A GIFT

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DISTANCE EDUCATION & LEARNING TECHNOLOGIES

[Island Online](#) [Degrees/Courses](#) [Students](#) [Instructors](#) [Services](#) [About Us](#)

[Island Online](#) / [Open Educational Resources \(OER\)](#)

Open Educational Resources

Text books

- [Openstax College](#)
- [Openstax CNX](#)
- [Open Textbook Library](#)
- [College Open Textbooks](#)
- [Saylor Foundation](#)
- [Open Culture](#)
- [Book Boon](#)
- [The Global Text Project](#)


Courses

- <http://distanceed.hss.kennesaw.edu/technicalcommunication>
- <http://bio-alive.com/tutorials/biology.htm>
- [Khanacademy.org](#)
- [academicearth.org](#)
- [Open Education Consortium](#)
- [Lumen Learning](#)
- <http://www.temoa.info>
- <http://academicearth.org>
- <https://www.wisc-online.com>

Repositories

- <http://webcls.utmb.edu/neat/search.asp>
- <http://orgprints.org/>
- [Directory of Open Access Journals](#)

- [Online Student Orientation](#)
- [Blackboard Resources](#)
- [Certificates Program](#)
- [Professional Development](#)
- [Lecture Capture](#)
- [Continuity of Learning](#)
- [Online Testing/Proctoring](#)
- [Technical Requirements](#)
- [Campus Software](#)
- [Accessibility](#)
- [Open Educational Resources](#)



What is a Learning Object?

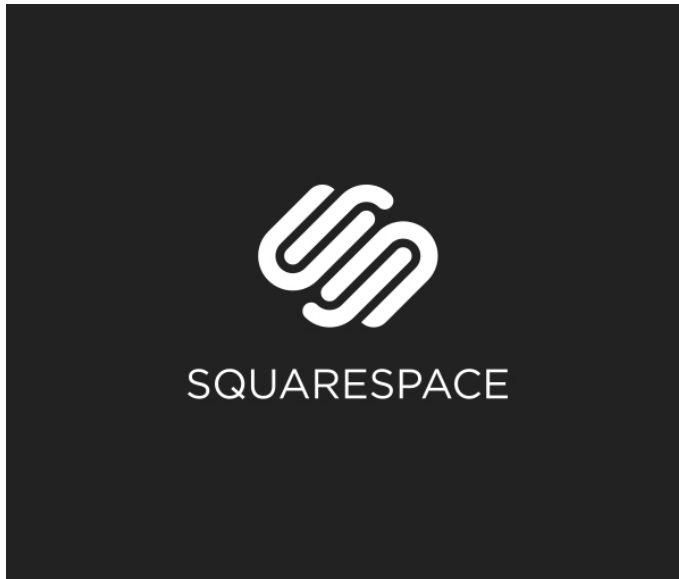
Simply defined...

...A learning object is any multimedia object that is part of a digital library collection.

...It can be a video, interactive game, document, picture, article, website, online presentation, ebook, and more.

[Texas A & M University Open Educational Resources](#)

Website Builders



- If you're a current student or faculty member of a partnering school, you can [receive 50% off your first year of Squarespace.](#)
- [Squarespace Education Toolset](#)

Website Builders

The screenshot shows the website for the Timepoint Ensemble. At the top, a black navigation bar contains the text "TIMEPOINT ENSEMBLE" and links for "HOME", "CONCERTS AND TICKETS", "THE ENSEMBLE", "EDUCATION AND OUTREACH", "PODCAST", and "CO".

On the left side, there is a green header with the word "ATION" partially visible. Below it is a blue section containing:

- NEWSLETTER**: A thumbnail for "High Country Conservation" with a list of issues: Summer 2016, Winter 2016, Fall 2015, Summer 2015, Winter 2015, Fall 2014, Summer 2014, and Winter 2014.
- ANNUAL REPORT**: A thumbnail of a tree with a list of fiscal years: FY 2014-2015, FY 2013-2014, FY 2012-2013, and FY 2011-2012.

On the right side, there is a "RECENT VIDEOS" section with four video thumbnails:

- "Meet the ensemble no. 5 - Nathaniel Schmidt, Sol..." with a play button and the name "Nathaniel Schmidt".
- "Concert curation with Timepoint Ensemble" with the word "CURATION" in large letters and a play button.
- "Through a glass, darkly - Sean Clarke" with a play button.
- "N6" with a play button.

Below the videos is a section titled "LISTEN TO OUR PODCAST BELOW" with a partially visible video thumbnail.

[Laramie Rivers Conservation District](#)
[Timepoint Ensemble](#)

Website Builders



- Intuitive site-building interface & [a free version](#)
- A gallery of third-party widgets
- Online storage for your site assets
- [WixEd](#)

Josephine Akosa
MS STATISTICS

STATISTICS
FLORIDA STATE COLLEGE

Home About Me Research Projects Publications Outreach Contact Me

MY RESEARCH PROJECTS'S BLOG

Improving Breast Cancer Diagnosis via Data Mining Techniques
March 20, 2023



FIGHT BREAST CANCER

Breast cancer is the second leading cause of cancer deaths among women in the United States. Although mortality rates have been decreasing over the past decade, it is important to continue to make advances in diagnostic procedures as early detection vastly improves...

[Read More](#)

"Power City" - A Study in Energy Consumption and Renewable Energy Production
April 10, 2023



The US Energy Information Administration predicts that the share of renewable energy will rise considerably over the next three decades. As a result, many governments and corporations have been searching for long-term renewable energy solutions...

[Read More](#)

"PQR" Entertainment Market Analysis
May 10, 2023



Over the past few decades, predictive analytics have been found to be of substantial use in the gaming industry, mainly casinos in the United States. Generally, identifying a casino's most valuable patrons and predicting a patron's future worth and behavior is very important.

[Read More](#)

The Future of Ghana: A Time Series Analysis and Forecast of Inflation
May 10, 2023



For a very long time, inflation has been one of the intractable problems the Ghanaian economy has faced. Many Ghanaians are generally worried about how future inflation rates would affect the economic growth of the country. This study based its inflation rates from 1960...

[Read More](#)

Resampling-based multiple comparisons



Articles & Resources



Pride and Joy

Monday, September 10, 2023

A guide to understanding your child's emotions and solving family problems.

[> Read More](#)

From the Heart

Saturday, July 28, 2023

Psychoanalytic Stories

[> Read More](#)

Mindful Parenting

Thursday, June 02, 2023

A guide to understanding your child's emotions.

[> Read More](#)

Reel



Video 1

Year of production: 2007

Running Time: 2:30 min

Color / Sound / Subtitled

I'm a paragraph. Click here to add your own text and edit me. It's easy. Just click "Edit Text" or double click me and you can start adding your own content and make changes to the font. I'm a great place for you to tell a story and let your users know a little more about you.

© 2023 by Brian Blunt. Proudly created with Wix.com



Examples from [Wix templates](#) and statistician, Josephine Akosa, [website](#).

Website Builders



WordPress.com

- Hosts your site
- Free version is very basic and has limited customization
- Not on your campus domain (\$\$\$)



WordPress.org

- Download open source software and host yourself
- Unlimited customization
- On your campus domain
- May need programmer support

Logos used under Fair Use

Website Builders

CALIFORNIA STATE UNIVERSITY FULLERTON
POLLAK LIBRARY eLearning

This site is in beta

Home
About

ELEARNING

- Live/In-person Instruction
- Lesson Plans
- Presentations
- Activities
- Handouts
- Online Instruction
- Spark Tutorials
- FiRe Tutorials
- Videos
- Research Tools
- View All

Endnote Web
 EndNote Web Worksheet
 Activities

Spark Your Research
 Academic Search Premier
 Spark Your Research Activity
 Activities, Lesson Plans

Information Literacy Curriculum
 POLLAK LIBRARY CINDER
 Information Literacy Curriculum
 Lesson Plans

STUDENT ASSISTANT CERTIFICATE WORKSHOP 1
 Student Assistant Certificate Workshop 1
 Lesson Plans

Information Literacy at lynda.com
 Information Literacy Videos at Lynda.com
 Videos

The Reference Interview
 A Spark Tutorial
 The Reference Interview
 Spark Tutorials

Library Orientation Worksheet
 Library Orientation Worksheet
 Activities

Tips for Searching Academic Search Premier
 Handout – Quick Tips for Searching Academic Search Premier
 Handouts

Types of Sources

Evaluating Sources

Enter the Conversation

Slide used from PowerPoint created by Jennifer O'Neill, www.jlindsayoneill.com, Licensed under CC-BY

Website Builders

Google Sites

- Website builder & host
- Basic internal sites
- Not ideal as a main client facing website
- Free*
- Examples—
 - [School Libraries using Google Sites](#)
 - [Virtual Learning Commons](#)

Weebly

- Website builder & host
- Weebly for Education is a special version for teachers and students.
- Free & paid plan options
- Examples
 - [Interactive Sites for Education](#)
 - [Stallion Library](#)

Expanding the Partnership

Achieving the Dream Grant

- FSCJ is one of 19 grantees and 38 Community Colleges
- Design two degree pathways with OER
- These degree pathway courses will be offered in all modes; Online, Hybrid, and F2F.
- The grant will help with college affordability.



Achieving the Dream

Expanding the Partnership

Library's Continued Involvement

- Library for support with locating and evaluating the OERs.
- Libraries have search and discovery systems, data storage, metadata and indexing, institutional repositories and preservation expertise
- Libraries have trusted relationships enabling the outreach, education, and instructional support.

Contact Information

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