Finding, Saving and Evaluating OER using IOER

Intro to IOER: Module 2



Objectives

At the end of this module, learners will be able to:

- Search within the system to locate specific OER
- Organize resources using libraries
- Evaluate resources using the IOER tools



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Searching

Searching for Resources, Libraries and Learning Lists/Sets



Search IOER

- Resources
- Personal and Organizational Libraries
- Learning Lists/Sets



Resource Search

Search by

- Keyword
- Filters
- Standards



Note: You do not need to be a registered user to search.



Learning List or Set Search

Soarch hy			IOER Learning I	List / Learning Set Search			
Search by	Filters	Start typing to search					X Search
 Keyword 	Subject	▼ Learning Standards ▼			Most Relevant		Advanced Search 🔻
	Education Levels	•		Found 195 Resources			
 Filters 	Educational Use						(Ac)
Theers	Resource Type	Battagila's Chemistry 2015-2016					Cymuteren
 Standards 	Media Type End User	A set of NGSS-aligned chemistry units.				Science Grades 11-12 Course	White .
		Wanda Battaglia				Learning Task	
		NGSS.HS-PS1-1	NGSS.HS-PS1-2	NGSS.HS-PS1-3		Learning/Curriculum Map	
		NGSS.HS-PS1-4	NGSS.HS-PS1-5	NGSS.HS-PS1-6		Assessment Item	
		NGSS.HS-PS1-7	NGSS.HS-PS1-8	NGSS.HS-PS2-6		Curriculum	10 4 6 5
		NGSS.HS-PS3-1	NGSS.HS-PS3-4	NGSS.HS-PS3-5		Learning List	Created 5/11/2012
		NG55.H5-P54-1	NGSS.HS-P54-4	NGSS.HS-ESS1-1		Webpage	Created by 22/2027
		NG55.H5-E551-2	NUSS.HS-ESS1-3	N055.H5-E551-6			
		N/055.H5-E332-5	NOSS NS-E352-0	N055.H5-E553-2			
		NGS5.H5-ET51-4	Hudding to 192-2	1000010-102-0			
		1000010 0100 4					
		Story Mapping					(C)-attiction
		Composed of 4 module lessons, for teaching MAPPING 2: COACHING STUDENT INDEPEN WORK	g a class about Story Mapping. Dev DENCE STORY MAPPING 3: LINKING	eloped by Eunice A. Greer STORY MAPPING 1: M G IDEAS ACROSS TWO TEXTS STORY MAPPING 4:	ODELING STORY INDEPENDENT STUDENT		(hardlas 7

Note: Do not need to be registered user to search.



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Filters

- · Search filters are based on resource tags
- Filter Categories

Filters	
Subject	▼
Education Levels	$\mathbf{\nabla}$
Educational Use	$\mathbf{\nabla}$
Resource Type	▼
Media Type	▼
End User	▼
Usage Rights	▼

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Search Results



Resource Information X Search Most Total Evaluations 🔻 od Soard $\mathbf{\nabla}$ x f Comments G٠ (cc) BY-NO-SA • Like/Dislike Science / have certain features, \mathcal{P} Technology e in such an Finance • Evaluation Score F 0 Hospitality and Tourism Grade 3 Grade 4 in Number of Libraries Grade Grade **F** 1 8 7 8 1 Grade Number of Clicks Grade **86% Ⅲ** 12 👙 49 Created 9/23/2 (cc) BY + I by the reader? • Am I Career Development oing to be useful to my Human Services Grade 5 Grade 6 **₽**46% III\ 1 👙 2 Created 7/8/2014 ۲ (cc)

Open a Resource Detail Page





Resource Detail Page



Resource Detail Page

- Resource Information
- Suggested resources similar to selected resource

http://smartspaceniu.com/c	creating-creatures-of-the-deep
Description	
	-
arn about the interesting biology and physiology of living organisms in the sea/ocean. Examin otection, to survive in their environment, or to catch prey. Analyze the habitats of the creatur	ine fascinating sea and ocean creatures and discuss why they have certain features, possibly for res and why their physical traits help them thrive in such an environment.
Creator: Northern Illinois University Submitter: ISLE OER on Behalf of Jeanne Kitchens Rights: Attribution-NonCommercial-ShareAilke (CC BY-NC-SA 4.0)	Publisher: SMARIspace@NIU Created on: 9/23/2015
23 Tags	+
1 Learning Standards	+
2 Keywords	+
10 More Like This	-
reating Creatures of the Deep	
tudents will be introduced to concepts regarding biology/physiology of living organisms in the hybrid phase certain features, possibly for protection, to survive in their environment, or to ce go them thrive in such an environment. Students will work in groups to create their own unit ehavioral characteristics, environment/atmosphere/climate/weather, etc.	e sea or ocean. Students will look at examples of interesting sea and ocean creatures and discuss catch prey. Students will also analyze the habitats of the creatures and why their physical traits que "creature of the deep" and by considering scientific concepts, such as species physical and
Vonder of the Day: Where is the Deepest Place On Earth?	
iumans have been fascinated by unexplored frontiers such as the deep sea for centuries Meet ourney into the depths of the Mariana Trench to explore the deepest place on Earth	t some of the unusual creatures discovered in the deep Then join us as Wonderopolis takes a
reatures of Light	
Vhat exactly are "creatures of light?" As it happens, they are those organisms that employ bio	oluminescence, the "generation of light by living things." This dramatic online exhibit from the

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Library Search

Search for

- Most recently updated
- Individual or Organizational libraries
- All public or just libraries where you are a member

				IOER Libraries Sea	rch	
lters	Search for Lib	raries				
ite Range esource(s) added to the brarwin:	Search for Libraries	Search for Collections	Most Recen	tly Updated Found	• 33 results.	
The last 7 Days The last 30 Days The last 6 Months The last Year Any timeframe	Collections in this Like	Organization: IOER Tagging Co This Library is the working libr	y Working Libra mmunity Project ary for educators pa	ary articipating in the IOER Tagging Pro	sct April 2017 - June 2017	
rrary Type low: Organization Libraries User Libraries	EA	1	Fine Arts	Instructional Resources		Social Em Learning
Vacy Now: All Draries All Public Libraries Only Libraries I'm a ember of Clear Filters Reset Search		Illinois workNet Organization: Illinois workNet Library of resources for Illinois	workNet			

Note: You do not need to be a registered user to search.



Small Group Activity – Searching

- Each group will search for a different topic.
- Search and find three resources about your topic.
- Use at least 2 filters to facilitate the search.
- Highlight three interesting facts about **each** resource. (i.e. How many libraries is it saved in? Is it aligned to standards? What are the usage rights? Does it have an evaluation score?)
- Locate one resource through the "More like this feature."



Organizing

Creating and Using Libraries and Collections



Library

- Collection of resources managed by an organization or individual registered IOER user
- User created collections to organize content
- Searchable
- User controlled privacy and collaboration settings



Accessing your Library

- Dashboard Tab at the top of any screen
- My Dashboard or My Library and Collections



My Dashboard

- Update your profile
- Manage your Stuff
- See recent additions to your library
- View all libraries where you are a member
- Access recently tagged resources
- View libraries you are following
- Manage your library memberships



IOER Tagging Community Project Update My Profile



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Manage your Library Tabs

- Details Like or Dislike a Library
- Share & Follow Access library URL or embed code
- Comments Add comments to your library
- Settings Control access to your library
- Add Resources add resources to your library from a search or by tagging
- Activity Usage stats on your library and collections



- Open your Library
- Write a description, upload a new image, and set access for your library.
- Edit the title, description, image and access of your default collection.
- Create a new collection.





- Search for resources that you need in your classroom.
- Locate and save at least 3 resources.
- Move or copy a resource from one collection to another.
- Create a new collection and adjust settings to allow for contributions from others.



Share and Follow Libraries

- Select your Library
- Select you Collection



- Use the library search to locate personal and organizational libraries.
- Sign up to follow at least one library or collection.



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Evaluating

Providing Feedback through IOER Tools



Feedback on Resources

- Multiple feedback channels
 - Standards Alignment
 - Like or Dislike
 - Comments
 - Evaluate using OER Rubrics
- Feedback accepted from multiple users
- Only registered users can provide feedback



Feedback Channels

Subject • Finance • Hospitality and Tourism • Science • Technology Language • English	Education Levels • Grade 3 • Grade 4 • Grade 5 • Grade 6 • Grade 7 • Grade 8 Educational Use • Curriculum and Instruction Resource Type • Demonstration/Simulation • Learning Task • Reading Material	Media Type • Audio • Image • PDF • Video • Webpage End User • Student • Teacher/Education Specialist Access Rights • Free access	49 1 11 7 19 7 1 1 1 7 19 7 1 1 1 1 1 1 7 1 1 1 1 1 1 1 7 1 1 1 1 1 1 1 1 1 7 1
1 Learning Standards			Quality of Explanation of the Subject Matter
Aligns to NGSS.3-LS1 (Supporting alignme From Molecules to Organisms: Structures a	nt) nd Processes		232% (3 Evaluations) Utility of Materials Designed to Support Teaching 266% (3 Evaluations)
Alignment of the Resource to this Standard IOER Community Rating: Superior (<i>4 Ratings</i>)		Your rating: Select Save Rating	Quality of Assessments 266% (3 Evaluations)
2 Keywords			Quality of Technological Interactivity 232% (3 Evaluations)
biology activity			Quality of Instructional and Practice Exercises 266% (3 Evaluations)
10 More Like This			Opportunities for Deeper Learning - 300% (3 Evaluations)
		oer	
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Alignment to Standards

Aligns to CCSS.ELA-Literacy.W.8.3 (Major alignment)	
3. Write narratives to develop real or imagined experiences or events using effective technique, relevant descrip sequences.	tive details, and well-structured event
Alignment of the Resource to this Standard	
IOER Community Rating: Not Rated	Your rating: Select Save Rating
Aligns to CCSS.ELA-Literacy.W.9-10.3 (Major alignment)	
3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen det	tails, and well-structured event sequences.
Alignment of the Resource to this Standard	
IOER Community Rating: Not Rated	Your rating: Select Save Rating
Aligns to CCSS.ELA-Literacy.W.11-12.3 (Major alignment)	
3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen det	tails, and well-structured event sequences.
Alignment of the Resource to this Standard	
IOER Community Rating: Not Rated	Your rating: Select Vour Rating

Like/Dislike and Comments



Rubrics

- Derivative of rubrics created by Achieve
- General OER quality
- CCSS specific
 - ELA
 - Mathematics
 - NGSS in process, not yet implemented

Overall Score	
	Superior (89%)
Quality of Expl	anation of the Subject Matter
	66% (1 Evaluations)
Utility of Mate	rials Designed to Support Teaching 100% (1 Evaluations)
Quality of Asse	ssments
	100% (1 Evaluations)
Quality of Tech	nological Interactivity 66% (1 Evaluations)
Quality of Instr	uctional and Practice Exercises 100% (1 Evaluations)
Opportunities f	for Deeper Learning 100% (1 Evaluations)
CCSS Mathe	matics (Derivative)
Overall Score	
	Superior (78%)
Key Shifts in th	e CCSS
	100% (1 Evaluations)
Instructional Su	upports 66% (1 Evaluations)
Assessment	

OER Quality

- OER Rubric from Achieve <u>http://www.achieve.org/oer-rubrics</u>
- Evaluate objects found in OER (e.g. images, applets, lessons, units, assessments)
 - Rubric I. Degree of Alignment to Standards
 - Rubric II. Quality of Explanation of the Subject Matter
 - Rubric III. Utility of Materials Designed to Support Teaching
 - Rubric IV. Quality of Assessment
 - Rubric V. Quality of Technological Interactivity
 - Rubric VI. Quality of Instructional and Practice Exercises
 - Rubric VII. Opportunities for Deeper Learning
 - Rubric VIII. Assurance of Accessibility



EQuIP Rubric from Achieve

Information from Achieve...When to use EQuIP

- "Lessons that include instructional activities and assessments aligned to the CCSS that may extend over a few class periods or days
- Units that include integrated and focused lessons aligned to the CCSS that extend over a longer period of time
- The rubric is NOT designed to evaluate a single task or activity
- The rubrics do not require a specific template for lesson or unit design"
- Three Rubrics
 - Mathematics
 - ELA/Literacy
 - ELA/Literacy (K-2)

http://www.achieve.org/our-initiatives/equip/rubrics-and-feedback-forms





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Learn More!

Visit Classrooms in Action for more resources and information on evaluating resources.

http://www.ilclassroomsina ction.org/curriculumalignment.html



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- In groups open the activity Creatures of the Deep <u>http://ioer.ilsharedlearning.org/Resource/585503/creating_creatures</u> of deep.
- In small groups review and discuss the activity.
- Rate the alignment to the tagged standards.
- Discuss and evaluate the resource using the Achieve OER (derivative) rubric. Use the scoring guide to discuss each criteria and determine the strength of each element.



- In groups, search for one instructional resource (i.e. lesson plan or unit plan)
- Discuss and rate the alignment to the tagged standards.
- Discuss and evaluate the resource using the Achieve OER (derivative) rubric. Use the scoring guide to discuss each criteria and determine the strength of each element.

