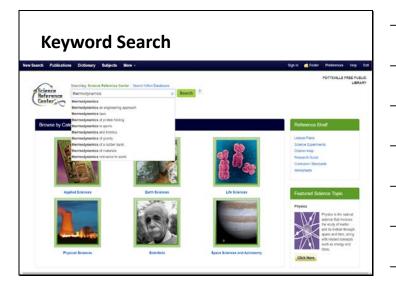
	TOWER BIDIALY Science Reference Ger	itel (mi meroduction)
Slide 1	POLER LIBRARY PENNSYLVANIA'S PLECTRONIC LIBRARY Science Reference Center An Introduction	
	This project is made possible by a grant from the Institute of Museum and Library Services as administered by the Pennsylvania Department of Education through the Office of Commonwealth Libraries, and the Commonwealth of Pennsylvania, Tom Wolf, Governor. © 2016 Hosted by HSLC	
Slide 2	What is Science Reference Center?      A comprehensive research database that provides access to a multitude of full-text science-oriented content	
Slide 3	Science Reference Center Contains  • Full text science reference books  • Full text science encyclopedias  • Experiments, activities and science fair projects  • Biographies  • And more	

#### Slide 4



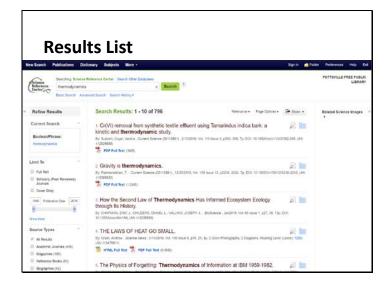
#### Slide 5

- Keyword Searching
- Browsing by Category
- Browsing Popular Sources
- Advance Searching

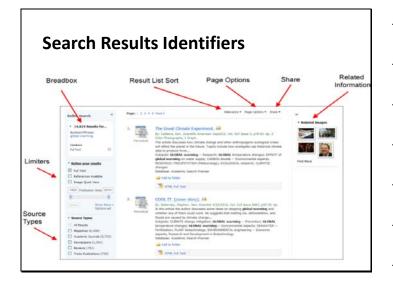


Searching Options	

#### Slide 7

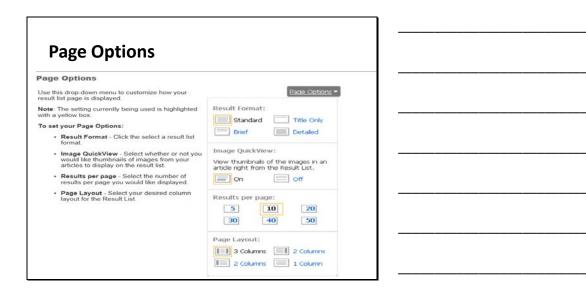


#### Slide 8

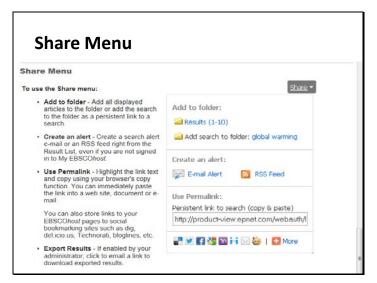




#### Slide 10

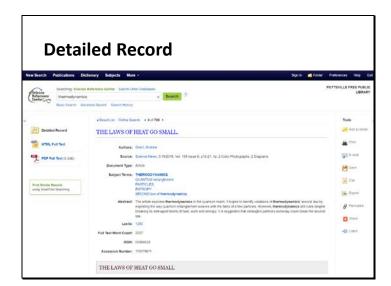


#### Slide 11





#### Slide 13



#### Slide 14

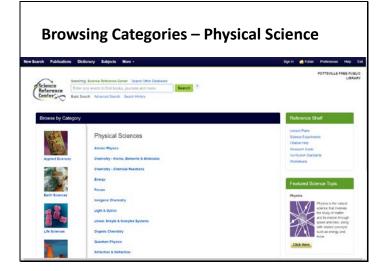


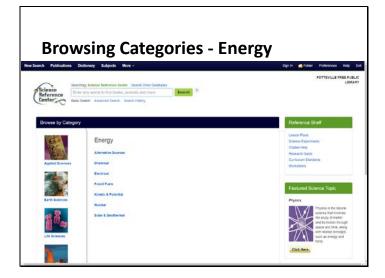


#### Slide 16

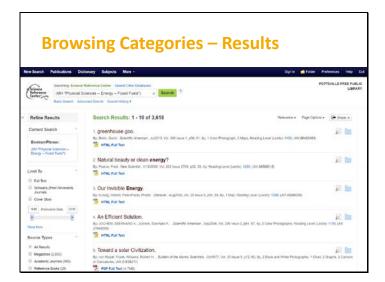


#### Slide 17

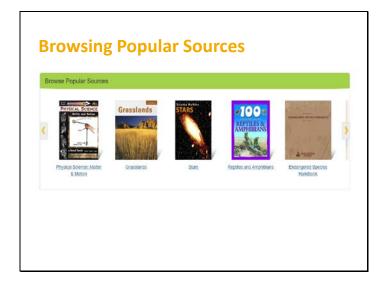


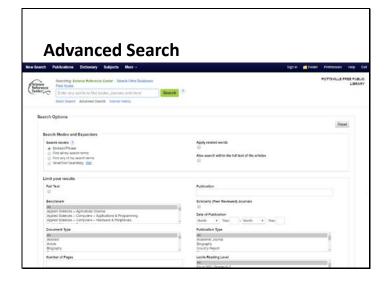


#### Slide 19



#### Slide 20





#### Slide 22

#### **Benchmarks**

- Benchmarks are a standard or point of reference again which things may be compared or assessed.
- There are 80 benchmarks includes in this resource:
  - Applied (24)
  - Earth and Space (15)
  - Life (14)
  - Mathematics (9)
  - Physical Science (18)

Slide 23

### **Experiments**

- Science experiments can also be located using the Advanced Search
- For example:
  - Type Circulation in the Find Field
  - Select Grades 9-12 in the Lexile Reading
  - Select Science Experiment in the Document type

Slide 24

### Reference Shelf

#### Reference Shelf

Lesson Plans

Science Experiments

Citation Help

Research Guide

**Curriculum Standards** 

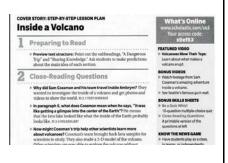
Worksheets

Access PA /	POWE	R Library	Fall 2016
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#### Slide 25

### **Lesson Plans**

- Clicking on the link in the Reference Shelf will provide links to over 2,013 lesson plans.
- Lesson plans are in PDF format



#### Slide 26

### Science Experiments

- View the 1,313 science experiments in one place
- In most cases, these are available in both HTM and PDF format.

#### Slide 27

### **Citation Help**

Citation Help	Close Windo
Styles of Citation	
There are several styles and forms used to cite source papers. Most academic institutions have established for a preferred style. Three of the most widely used :	standardized requirements
Modern Language Association (MLA)	
Chicago Manual of Style	
American Psychological Association (APA)	
Whatever style you are using, accuracy, clarity, and important factors to consider when citing various citing electronic and on-line sources are not yet stanant styles, as the constantly-changing nature of electronic the internet requires citation guidelines to be flexible usefulness. In general, most styles require that you not only idea more properties of the constant of the constant properties of the constant properties propertie	es of sources. Guidelines for dardized in most citation ic databases and sources on in order to maintain their
within the text of your essay, but also provide a sepa your research.	
Modern Language Association	Top of Page
The Modern Language Association (MLA) is an organischolars devoted to the study of language and literatividely adopted by academic journals, schools, and in publication, the MLA Style Manual has become the pruse in the Humanities in the United States, and is contract countries worldwide.	ture. MLA style has been instructors. Since its initial redominant style guide for
The MLA Style Guide offers extensive standardized management, including electronic sources. MLA style calls citations and a list of sources at the end of the text.	s for the use of in-text


Slide 28

### Research Guide



Slide 29

# **Curriculum Standards**

- Contains over 900 standards aligned to the curriculum for specific U.S. States.
- A standard will contain many educational benchmarks that an educator can use to build their lesson plans.
- Opens a module for searching on standard

Slide 30

### Worksheets

 Provides a static link for pulling up all the worksheets included with Science Reference Center.

Access PA / POWER L	ibrarv Fall 2016
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#### Slide 31



#### Slide 32

#### **Publications**

- This authority file allows you to search for specific publications found in Science Reference Center
- List publications alphabetically
- Provides access to all available volumes and issues of a selected publication

### Slide 33

### **Dictionary**

- This link on the top bar provides access into the New Oxford American Dictionary.
- You can browse or enter a keyword for searching.
- Provides definitions and word origins

CINE 24			1
Slide 34	Subjects	<ul> <li>Use this link to browse the subject terms assigned to all records found in Science Reference Center.</li> </ul>	
		Items are displayed alphabetically	
Slide 35	Images and	This link allows you to search for videos or science images.	
	Video	<ul> <li>You can refine your results by a specific collection.</li> </ul>	