



SEARCHES FOR JUNIOR REFERENCE COLLECTION

Search Scenario:

The students will be studying plate tectonics and a history of plate movements from 250 million years to the present. The goal of the lesson is to acquaint students with the concept that the Earth is a dynamic ever-changing planet. The lesson will help students to understand that the Earth's plates have been moving for millions of years and are still moving today.

Objectives:

1. The student will be able to describe the theory of plate tectonics as well as how Alfred Wegener's theory of the Continental Drift is related.
2. The students will be able to demonstrate how the earth's plates have moved and describe the processes that cause plate movement.

Solution:

Student will access the JRC. In the MAIN MENU SEARCH box type **plate tectonics**. Click Search.

Notice information is returned in all three buckets: Overview Essays, Biographies, and Timeline Events.

Student can do a PEOPLE SEARCH for **Alfred Wegener**. Notice results are returned in all three buckets as well, but of particular interest would be the biography of Alfred Wegener from the U*X*L* Biographies.

Student can also do a SUBJECT SEARCH on the **continental drift**.

The student will find enough information to satisfy the research and complete the assignment.

What Do You Want to Know Search: (full-text search)

1. Search for **richter scale** (science)
JRC returns documents in all three categories: Overview Essays, Biographies, and Timeline Events.
2. Search **Iroquois Confederacy** (Native American)
Results: all three buckets
3. Search **Persian Gulf** (general but no Timeline Events)



4. Search Harpers Ferry (African American where abolitionist John Brown attacked a gunpowder magazine in Harpers Ferry West Virginia –all three buckets)

People Search

1. Search mathematicians born after 1900
JRC returns 9 biographies
2. Search Hispanic American activist
JRC returns 7 biographies
3. Search American astronaut
JRC returns 15 biographies
4. Search athlete born after 1900
JRC returns 261 biographies

Places Search

Search any on the list. All have photos and charts/graphs.

Search Alaska

Scroll down to show contents and multimedia files. Click to show Alaskan flag and other photos

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Subject Guide Search

1. Search asteroid
JRC returns results in all three buckets
2. Search Little Bighorn
JRC returns results in all three buckets
3. Search classical music
JRC returns results in all three buckets.

Author Search

1. Select “American” under “Nationality”
Select “Asian American” under “Ethnicity”
Under birth year select “is before” and key in 1970
(8 hits—all good names)
2. Select “British” under “Nationality”
Under birth year select “is before” and key in 1975
Under “genre” select “nonfiction”
(18 hits – a nice variety of names)



Book Search

Can search for titles by:

- Match any word(s) entered (default)
- Match words exactly as entered
- Match all words entered

Key in island in search box. Match any words entered.

JRC returns both Overview Essays (plot summaries) and biographies

Select one to view; scroll down to show different sections:

- Essays
- For further reading
- Source citation

Timeline Search

1. 1945 is a good year to search: has entry on Navajo Code Talkers as well as dialysis kidney machine and microwave oven being invented
2. Search decade 1860. Has Indian removal on screen 1 and Civil War later on. Click on “Cochise leads Apache Wars” on p. 2. Scroll down to multimedia and show photo of Apache prisoners.
3. Search century 300 B.C.
JRC returns 9 results. Open several of interest.
4. Search ecoology/environmental science from pull-down list.
JRC returns 14 results. Open several of interest.

Custom Search

1. Key in computers and business in search boxes.
JRC returns results in all three buckets.
2. Key in coral and ocean w1 floor in search boxes or coral and “ocean floor”
JRC returns 2 overview essays.
Open “Tonga” (scroll down) to see references to coral and ocean floor in bolded lettering in same document.



Additional Suggested Searches for Junior Reference Collection:

People Search

Colin Powell

Walt Disney

Places Search

Japan

Tokyo

Hawaii

Subject Guide Search

Airplanes

Solar system

Authors Search

Mark Twain

Judy Blume

Books Search

Exact title: *Charlie and the Chocolate Factory*

Timeline Search

Search for subject: multicultural or science from pull-down menu.

Enter specific year or search for decade or century from pull-down menu.

Search for timeline event text. automobile

Search for category: astronomy