lesson 10 Agriculture
USING THE SACRAMENTO HISTORY ONLINE DATABASE

OVERVIEW
This lesson introduces students to the actual **Sacramento History Online** collection (SHO) at *http://www.sacramentohistory.org* and provides activities for practicing database searches. You can view or print most images directly as a JPEG file. However, some documents in the database are in Adobe Acrobat PDF format and must be viewed or printed through an Acrobat viewer. *In Lesson 10, students will use the database materials online.*

STUDENT OBJECTIVES
1. Find a specific database record, using a *Keyword* search.
2. Find a specific database record, using a *Restricted* search.
3. Use the SHO database to find specific historical information.

CALIFORNIA HISTORY STANDARDS
This lesson emphasizes database search strategies and how to use the SHO collection to find information about agriculture, rather than teaching specific history content.

BACKGROUND ARTICLE 10
Using the Sacramento History Online Database *(page 10-4)*

STUDENT ACTIVITY SHEET 10 AND KEY
Using the Sacramento History Online Database *(pages 10-5 and 10-6)*

DOCUMENTS TO DISCUSS
The images below provide screen print examples of keyword searches, a restricted search, search results, and an individual entry.

**Screen 1.
Main Menu**

Screen 3. Search Results

Screen 2. Keyword Search *(wheat)*
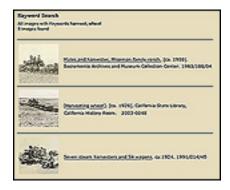
Screen 4. 2-Keyword Search
(wheat and *harvest)*

Screen 5. Search Results

Screen 6. 2-Keyword Search
(wheat and *harvest,* restricted to decade *1900-1909)*

Screen 7. Search Results
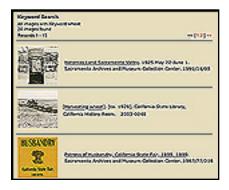

**Screen 8.
Database Record**

INSTRUCTIONS

1. Print any of the images shown above that you will use in your discussion, as well as **Student Activity Sheet and Key 10**. (Label the images above by their number to identify them in the instructions).

2. Read **Background Article 10**. You may wish to read it to your students or print it and have them read it by themselves. Discuss any questions that they may have.

3. Introduce students to the SHO database by using printouts from Lesson 9 and from the images above. Ask students what kinds of images they think might be included in a database about transportation.

4. Using **Screen 1** above or the online database, lead students through the process of using the database. Start with the main menu at *http://www.sacramentohistory.org*.

5. Show them the broad **Agriculture Browse** search button above the keyword entry on the Home page. The Browse search is also available on the Browse page.

6. Show students how to use the button at the top of the screen to go to the **Search** page. With **Screen 2** above or the online database, show them the **Keyword** search entry area.

7. Enter a sample keyword. **(Screen 2)** *(wheat)* How many items are returned? **(Screen 3)**

8.Discuss how you can narrow the search by adding more keywords, such as *harvest*. **(Screen 4)** *(wheat harvest)* How many items are returned? **(Screen 5)**

9. To further narrow the search, show students how to restrict the results to a decade. *(1900-1909)* **(Screen 6)** How many items are returned? **(Screen 7)**

10. Show students a sample database record.**(Screen 8)** Ask them to find the summary and date fields.

11. Give students **Activity Sheet 10: Using the Sacramento History Online Database** *(page 10-5)*. Work through the first question together, asking students how they would begin to search for the answer using the SHO database. After they have finished the activity, discuss their answers as a group.are returned? (or searches usually return more hits).

FOLLOW-UP
1. Use the online database to **find materials for a report** on agriculture. Try your own keyword and advanced searches. Discover what types of keywords are most useful in finding materials for this report.

2. **Search the database** for one photograph related to agriculture that you particularly like. Print the photograph. Pretend that you are the photographer. Write a story about the day that the photograph was taken, what the photo shows, and why you took it

3. **Search the database** for one piece of ephemera related to agriculture that you particularly like. Pretend that you are the person who saved the item. Write a story about the day that you got the item and why you saved it instead of throwing it away.

background 10   THE SACRAMENTO HISTORY ONLINE DATABASE

The Sacramento History Online collection lets you search for materials in several ways. Once a search is completed, the database displays a set of records that matches the search criteria.

Individual Database Records

Most database records include the following fields: Title, Date, Description, Subject(s), Summary, Owning Institution, Copyright, Call Number, and Filing Location (within the institution). Some records list the date of the copy rather than the original, so you may also want to look for pictures for a certain time period by adding a decade limiter on the Search page.

Browse Search

The Agriculture images have been divided into seven broad topics available on the Home page, the Browse page, and other pages with the Browse tabs labeled *Transportation* and *Agriculture*:

Buildings
Equipment
Food
Land
Livestock
People
Miscellaneous

Keyword Search

A simple keyword search is available on the main Search page. To go to the Search page, use the button at the top of the screen. You can enter one or more keywords in the search area. The database will look for the keyword(s) in the title, date, subject, or summary fields.

Restricted Search

You can narrow a search by combining keywords with pre-determined categories: Decade, Topic (agriculture or transportation), Document Type, and Institution.

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USING THE SACRAMENTO HISTORY ONLINE DATABASE

Find the Category

> 1. Buildings   3. Food   5. Livestock
> 2. Equipment 4. Land   6. People

Place the correct category number by each item to show where you might find
the most documents about the following subjects. You may list more than one.

_____ a. steam tractor   _____ e. pig

_____ b. dairy cow   _____ f. field of hay

_____ c. cannery   _____ g. plow

_____ d. recipe   _____ h. farm family

Fill in the Answer
Use the Keywords search to find the answer in the database.

1. What is the title of one of the entries found by using the keyword *orange*?

_____

2. For what animal disease did the *Crump* company make a cure?

_____

3. What kind of farm equipment did the *Holt* company make?

_____

4. What month was the California State Fair held in 1902?   _____

5. What grain did John McFarland grow on his ranch?

_____

activity sheet 10
USING THE SACRAMENTO HISTORY ONLINE DATABASE

KEY

Find the Category

1. Buildings   3. Food   5. Livestock
2. Equipment   4. Land   6. People

Place the correct category number by each item to show where you might find the most documents about the following subjects. You may list more than one.

_____2_____ a. steam tractor   _____5_____ e. pig

_____5_____ b. dairy cow   ___4, 5___ f. field of hay

___1, 3___ c. cannery   _____2_____ g. plow

_____3_____ d. recipe   _____6_____ h. farm family

Fill in the Answer
Use the Keywords search to find the answer in the database.

1. What is the title of one of the entries found by using the keyword *orange*?

_____*answers will vary*_____

2. For what animal disease did the *Crump* company make a cure?

hog cholera

3. What kind of farm equipment did the *Holt* company make?

farm equipment, tractors, harvesters, traction engine

4. What month was the California State Fair held in 1902?   **September**

5. What grain did John McFarland grow on his ranch?

wheat