SIRS Discoverer[®] • Student Workbook



Elementary Edition

SIRS and SIRS Discoverer are registered trademarks of ProQuest Information and Learning © 2006 ProQuest Information and Learning All rights reserved.

> The World Almanac for Kids 2006. Copyright © 2005 by World Almanac Education Group Inc. The World Almanac and The World Almanac for Kids are registered trademarks of World Almanac Education Group, Inc. Compton's by Britannica Copyright © 2006 by Encyclopedia Britannica.

> > American Heritage Dictionary, Fourth Edition Copyright © 2003 Houghton Mifflin Company. All rights reserved. Roget's II: New Thesaurus Copyright © 2003 Houghton Mifflin Company. All rights reserved.

> > > Proquest Information and Learning 5201 Congress Ave., Suite 250 Boca Raton, FL 33487 www.proquestk12.com Revised 11/06



SIRS Discoverer • Student Workbook Elementary Edition

Table of Contents

Worksheet One..... Introduction to Discoverer Worksheet Two...... Graphics

Subject Tree Worksheets

Worksheet Three	. Subject Tree Categories
Worksheet Four	. Subject Tree Categories
Worksheet Five	. Subject Tree Categories
Worksheet Six	. Subject Tree Branches
Worksheet Seven	. Subject Tree Branches
Worksheet Eight	. Subject Tree Topics
Worksheet Nine	. Subject Tree Topics
Worksheet Ten	. Subject Tree Subtopics
Worksheet Eleven	. Subject Tree Subtopics

Keyword Search Worksheets

Worksheet Twelve	Key Words
Worksheet Thirteen	Key Words
Worksheet Fourteen	Keyword Match
Worksheet Fifteen	Keyword Scramble
Worksheet Sixteen	Keyword Searches

Subject Headings Search Worksheets

Worksheet Seventeen	Subject Headings Search
Worksheet Eighteen	. Subject Headings Search (Phrase)
Worksheet Nineteen	Subject Headings Search (Truncation)
Worksheet Twenty	Subject Headings Search (Cross References)

Dictionary and Thesaurus Worksheets

Worksheet Twenty-One Dictionary Definitions Worksheet Twenty-Two Using the Thesaurus

Summary & Source Information Worksheet

Worksheet Twenty-Three Summary & Source Information

Almanac and Encyclopedia Worksheets

Worksheet Twenty-Four	Using the Almanac (Table of Contents)
Worksheet Twenty-Five	Using the Almanac (Keyword Search)
Worksheet Twenty-Six	Using the Encyclopedia (Text Search)

Introduction to Discoverer: Worksheet One

Name: ___

Date:

Help Discoverer learn where to look for information.





1. Which button would you click if you wanted to find articles by typing a key word?

- O Subject Tree Search
- O Subject Headings Search

- O Keyword/Natural Language Search
- O Current Events

2. Where would you look if you wanted to find articles by seeing a tree of subject categories?

- O Encyclopedia
- O Subject Tree

- O World Almanac for KidsO Subject Headings Search
- O Subject Readings Search

3. Which button would you click to find articles by typing a subject heading?

- O Spotlight of the Month
- O Keyword Search

- O Subject Headings Search
- O Encyclopedia
- 4. Which icon would you click to look for information in an encyclopedia?
 - O Encyclopedia
 - O Keyword Search

- O World Almanac for Kids
- O Current Events

5. Which icon would you click to find articles in an almanac?

- O Subject Tree Search
- O Subject Tree Search

- O Spotlight of the Month
- O World Almanac for Kids

Graphics: Worksheet Two

Name:	Date:
Help Discoverer find graphics for some articles.	
1. From the home page, select Subject Tree Search.	Discoverer
Click on COUNTRIES.	

- 2. Select UNITED STATES, then Country Facts: state profiles.
- 3. Then scroll down to choose a state and open it.

4. To see the graphics that go with the article, click on the camera. a photo, illustration, or map.

5. Click on the last thumbnail graphic to see a full-size view of the Symbols for your state. The scroll buttons on the right side may be used to move up or down the page.

6. To see the next graphic, click the Back button.

7. Click on the second thumbnail to see a full-size view of the State and Flag graphic. Again, use the scroll buttons to move up and down.

8. To see the map, click on the Back button. Then click on the thumbnail of the Map graphic for a fullsize view of the map. Find the State capital. (Hint: Look for the star.)

9. The scroll buttons at the bottom and right side may be used to look up, down or from side to side. Write the capital and state.

10. Click on the Results icon at the top of the article to practice these steps by choosing different states. Write the states and capitals you find on these lines.

Subject Tree Categories: Worksheet Three

Name: _____

Date:

Help Discoverer find information about many interesting subjects.





- 1. Select the category where you will find information about teeth.
 - O Sports O Health & Human Body O Environment
- 2. Select the category where you will find information about George Washington.
 - O Notable People O Arts O Science
- 3. Select the category where you will find information about basketball.
 - O Technology O History & Government O Sports
- 4. Select the category where you will find information about rain forests.

O Animals O Environment O Personal Growth

Subject Tree Categories: Worksheet Four

Name: _____

Date: ____

Discoverer





2. Write at least one Subject Tree category that might have information about the history of Africa.

3. Write at least one Subject Tree category that might have information about poverty.

4. Write at least one Subject Tree category that might have information about the dangers of smoking.

5. Write at least one Subject Tree category that might have information about friendships.

Subject Tree Categories: Worksheet Five

Name: _____

Date:

1. Think of a research subject that you want to learn more about and write it below.

2. Looking at the Subject Tree categories in the Articles database, select the ones that you think might have the information you want.



CHALLENGE: Choose one of your selected categories and list other topics you might find there.

Subject Tree Branches: Worksheet Six

Name: _____

Date: _

Help Discoverer find information about birds.

1. Circle the **CATEGORY** that might have information about birds.









2. Select the **TOPIC** below that might have information about birds.

< Animals

- O > Animal Rights
- O > Animals As Entertainers
- O > Behavior
- \bigcirc > Birds
- 3. Select the **SUBTOPIC** that might have information about buzzards.

< Animals: Birds

- O > Blue Jays
- O > Blue Birds
- \odot > Buzzards
- O > Canaries

4. *Buzzards* is one **SUBTOPIC** that lists articles about buzzards. Select the title of the article that may have information about buzzard migration habits.

< Animals: Birds: buzzards

○ ■ Vanishing Vultures
Weekly Reader Senior Edition ; Marck 12, 2004; 7K.

○ ■ Don't Bring That Thing in Here!
Spider, Oct. 2003; 4K.

Subject Tree Branches: Worksheet Seven

Name:	Date:
Help Discoverer find an article about using the Subject Tree.	a sports figure by Discoverer
1 Write one category that might have informa	ation about a sports figure.
2. Write one topic that might have informatior	n about a sports figure. Open that topic.
3. Write one subtopic that might have inform	ation about a sports figure. Open that subtopic.
4. Write one article title that might have infor	mation about a sports figure.
CHALLENGE: Follow the steps again to find a	another article by making different choices.
Category:	
Торіс:	
Subtopic:	

Article Title:_____

Subject Tree Topics: Worksheet Eight

Name			

Date:

Select the topics that belong in these Subject Tree categories.

1.	Animals	O dogs	O airplanes	O cats
		O birds	O rockets	O fish
2.	Notable 2	O artists	O monkeys	O presidents
		O baseball players	O pencils	O astronauts
3.	Environment	O snakes	O soccer	O in-line skating
		O skiing	O electricity	O recycling
4.	Sports	O basketball	O rain forest	O hurricanes
		O computers	O garbage	O pollution
	Science	O experiments	O sound	O Cinderella
5.		·		
		O painting	O planets	O ocean

CHALLENGE: Add three more topics you might find in each Subject Tree Category on the lines below.

Subject Tree Topics: Worksheet Nine

NI	9	m	0	=
Ν	α		C	=

_Date: _____

Write three topics that you might find under each of these categories.

Example: Animals birds elephants gorillas History 8 1. Gover 2. ____ _____ ocial Issue 3. ____ Technology 4. _____ _____ 5. ____ _

Subject Tree Subtopics: Worksheet Ten

Name:		Date:		
Select the sul	Select the subtopics that belong under these topics.			
Example:		♂ ducks	O elephants	
Animals	Birds	⊘ turkeys ⊘ swans	O worms	
Notable 🤧		O actors	O swimmers	
People	Sports Figures	O runnersO gymnasts	O presidents	
2. Sports	Court Sports	O basketball O tennis	O soccer	
		O volleyball	O football	
3. Environment	Disasters & Natural Di- sasters	O hurricanesO recycling	O tornadoes	
	3031013	O floods	O desert	
4. Science	Astronomy & Cross	O trees	O planets	
Cars.	Astronomy & Space	O oceans O galaxies	O moon	

Subject Tree Subtopics: Worksheet Eleven

Name:	Date:

Write two subtopics that belong under each of these topics.

Cate	gory	Торіс	Subtopic	Subtopic
Exar	nple:			
	Animals	Mammals	elephants	giraffes
1.	Arts	Music		
2.	Cuitures	World Cultures & Ethnic Groups		
3.	Health & Human Body	Parts of the Body		
4.	Technology	Transportation		
5.	History & Government	Wars, Battles & Revolutions		

Key Words: Worksheet Twelve

Name:			Date:	
Help Discoverer find the best key words to unlock information about many interesting subjects.				
Select three key words for each subject.				
Dinosaurs	O extinct	O reptiles	O animals	O dinosaurs
Rain Forests	O endangered	O environment	O rain forest	O Brazil
Ballet	O ballet	O perform	O toe shoes	O music
Recycling	O environment	O garbage	O recycling	O plastic
Soccer	O sports	O soccer field	O World Cup	O ball

Key Words: Worksheet Thirteen

Name:			Date:	
Help Discovere interesting sub		nation about ma	-	coverer
Write three key	words for eacl	n subject.		
Example:	School	education	school	students
	Saturn			
	Dolphins			
	Gymnastics			
	Television			
	Smoking			

CHALLENGE: Enter your key words into the Keyword Search from the main screen and find articles on these topics.

Key Words: Worksheet Fourteen

Name:	Date:
Help Discoverer match the key word subjects.	
Research Subject	Key Words
1. Whales	a. martial arts, self defense, Japanese
2. Opera	b. eat, China, food
3. Chinese food	c. classical, singing, performance
4. Drunk driving	d. dirty, ocean, pollute
5. Water pollution	e. space, shuttle, rocket
6. Human brain	f. mammals, ocean, big
7. The American Civil War	g. friends, sharing, playing
8. Astronauts	h. alcohol, drive, drink
9. Friendships	i. space, night, crater
10. The Moon	j. battle, United States, Abraham Lincoln
11. Homelessness	k. computer, television, fun
12. Karate	I. nerves, body, mind
13. Video games	m. poor, shelter, street

Keyword Scramble: Worksheet Fifteen

Name:		Date:
Help Discoverer unscrar about these subjects.	nble these key words to learn	Discoverer
ſ	PETS tacs	
	gdos	
··· (S) {	rdibs nksase	









SATURN

naltep	
gnsir	
slaro mystes	
nacse	

BASEBALL

tipch _	
mhoe _	
fsae	
ningin	

Keyword Searches: Worksheet Sixteen

Name: _____

Date:

Help Discoverer perform some Keyword Searches.

Select the Keyword/Natural Language Search option from the SIRS Discoverer search box.

1. Your research subject is *All about dinosaurs*. Enter this key word: DINOSAUR.

Click Search.

How many articles did you find?



2. Your research subject is *How to protect the environment*. Enter these key words:

ENVIRONMENT AND PROTECT

Click Search.

How many articles did you find?

3. Your research subject is *The solar system*. Enter these key words:

SOLAR SYSTEM AND SUN AND PLANETS

Click Search.

How many articles did you find?

4. Here are some other Keyword Searches for you to try. Be sure to choose the correct linking word between them.

African American	African American OR Black American	
Girls	Girls AND Sports	Girls AND Sp
Cats	Cats OR Dogs	Cats OR Dog
Careers	Careers AND Science	Careers AND
Chinese	Chinese OR Mexican	Chinese OR I
Heart	Heart AND Exercise	Heart AND Ex

Girls AND Sports AND School Cats OR Dogs OR Pets Careers AND Science NOT Doctors Chinese OR Mexican AND Food Heart AND Exercise OR Sports

Subject Headings Search: Worksheet Seventeen

Name: _____

Date:

Help Discoverer find interesting articles using Subject Headings Search.

1. Look at the Discoverer main menu. Select the Subject Headings Search button in the search box.



2. Type the subject heading **Presidents** in the search box. Press enter or click on the search button. The computer will find all the subject headings (NOT ARTICLES) that contain the word Presidents.

3. How many subject headings did you find that contain the word Presidents?

- 4. To see the list of articles, choose *Presidents* now.
- 5. Choose one title that interests you and open it to see the full-text article.
- 6. Enter the title of the article in the space provided:

CHALLENGE: Write at least one interesting new fact you found in this article.

Subject Headings Search: Worksheet Eighteen

Date:

Help Discoverer use phrases in Subject Headings Searches.	Discoverer
You can enter more than one word to find a subject heading. Entering a phrase, however, will narrow your search. A phrase must be enclosed within quotation marks. Example: "sea turtles"	

1. From the home page, select the Subject Headings Search button. Type "Sea turtles" in the box and click on the Search button. How many subject headings beginning with the phrase Sea turtles did you find?

2. Choose Sea turtles to view the article titles. How many articles do you see?

3. Choose one article that interests you and open it to view the full-text article. Enter the title below.

Name:

4. Try these other phrases. Remember to include the quotation marks.

"African American" "eating disorders" "public health"

"electronic mail systems" "virtual reality" "energy conservation"

"school uniforms" "world hunger"

5. You can try to enter your own phrases. It is important to remember that the words you type must be words actually used in the subject headings database. If they are not, then you may get this message: "There are no subject headings matching your search."

If you are having trouble finding subject headings to match your search, it may be better to search for articles using keyword searches. For the best results, try Keyword Search in all three databases: Articles, Almanac and Encyclopedia.

Subject Headings Search: Worksheet Nineteen

Name: _____

Date: _____

Truncation

Sometimes if you enter part of a word (truncation) you will find more subject headings than you would if you typed the whole word.

1. After selecting the Subject Headings button, type the word farm* in the Subject Headings Search box. (The * means that is the end of the root word.) Click on the Search button.

2. The computer has found not only subject headings that have the word farm, but also subject headings that have the words *farmer, farmers,* and *farming*. This is helpful if you want to find as many subject headings as possible that have to do with farming.

3. Click on the subject heading *farm life*. You may need to use the scroll down arrow to find it. How many articles did you find?

4. Pick an article title that interests you. Click on its title to see the full text. Write the title exactly as you see it on the screen.

5. Here are some other parts of words to try: smok* (smoke), ball*, environment*, work*.

CHALLENGE: From your ball* search, write a list of the different words that contain the letters "ball."

Subject Headings Search: Worksheet Twenty

Name: _____

_Date: __

Help Discoverer learn about cross references.

"See..." and "See Also..." are called cross references. Cross references are links to other related subject headings. From the Home page, select the Subject Headings button.

1. Type the word *Royalty* in the box. Click on the Search button. Find the subject heading *Royalty*. Note that it cross references another subject.

Write the subject in the space provided:

2. Click the Back button. Type the word *Presidents* in the Subject Search box and click on the Search button.

3. Open the subject heading *Presidents* to see the list of article titles. At the top of the list there are a few "See Also..." subjects. Write the first one in the space provided:

4. Click on the related subject heading Children of presidents.

5. Now you see a list of related article titles. How many articles did you find under *Children of presidents*?

6. Select one of these article titles. Click on the title to view the full-text article.

CHALLENGE: Read this article and write at least one new fact you learned from this article.



Dictionary Definitions: Worksheet Twenty-One

Name: _____

Date:

There are two ways to look up words in the dictionary, by using the copy and paste functions or by typing the word.

- 1. Open any article that interests you.
- 2. As you read it, enter two words whose meanings you would like to know.

Copy and Paste

- 3. To copy your first word, click-and-drag on the word to highlight it in your article.
- 4. Choose Edit from the pull-down menu at the top of your screen. Click on Copy.

5. To paste the word, go to the top of the page and click on the word Dictionary. Then right click in the Search Term box.

- 6. Click on Paste from the pop up menu.
- 7. Now click on Search to look up the definition. Write your word's definition.

Туре

- 8. To type your second word, click on the word Dictionary at the top of the screen.
- 9. Click in the Search Term box and type the word, then click on the Search button.
- 10. Write your word's definition.

CHALLENGE: Make up a sentence for each of your new vocabulary words.

Using the Thesaurus: Worksheet Twenty-Two

Name: _____

Date: _____

A thesaurus expands your vocabulary when you use it to find different words that have the same meaning.

- 1. From any article, go to the top of the screen and click on the word Thesaurus.
- 2. Click in the Search Term box and type the word *high*. Click on the Search button.
- 3. Write how many words were found._____

4. Write several synonyms and related words for the word *high*._____

5. Copy-and-paste the synonym *ELEVATED* in the Search Term box to find the thesaurus entry *elevated*.

6. Write more words that have the same meaning as *high* and *elevated*.

Summary & Source: Worksheet Twenty-Three

Name:	
ivanic.	

Date:

Help Discoverer find the summary and source information for two articles.

1. Find an article that interests you and open it.

2. Click on the Summary and Source icon on the upper left side. Read the summary.

4. Find another article that interests you and open it.

5. Click on the Summary and Source icon on the upper left side. Read the summary. What would you like to know more about in this article?

6. Write the following information:

TITLE:_____AUTHOR: ______SOURCE:______PUBLICATION DATE:_____

PAGE NUMBER(S): _____

7. See if you can find out more about your answer to #5 (above) when you read the full-text article. What did you learn?

CHALLENGE: After reading one of these articles, write your own summary or description of this article.



Vtjohlu flBm bobd; 1X psl ti ffuUx fouz. Gpvs

Name:	Date:
Help Discoverer find information i for <i>Kids</i> using the Table of Conter	
From the Home page, select <i>The World Al</i> Then select Table of Contents.	Imanac for Kids.
1. Which chapter would you choose to find	d information about nations?
Open that	chapter.
2. Which article would have information at Open tha	
3. What is the largest country?	How many square miles does it have?
4. Go back to the table of contents. What a	chapter would you expect to have information on Ukraine? at chapter.
5. What was Ukraine called for much of th	e 20th century?

6. Now look for information on Uruguay. What is Yerba maté?

Using the Almanac: Worksheet Twenty-Five

Name:	

Date:

Help Discoverer find facts in *The World Almanac for Kids* using the Keyword Search.

From the Home page select The World Almanac for Kids.

1.	. Select Keyword Search. Keyword Search will only search	for words	s in
Th	he World Almanac for Kids.		

2. Type the word HISTORY and click the Search button.

How many topics titles did you find?

3. Scroll down to find the topic that would give you information about United States history.

Write the topic in the space provided.

4. Select that topic and start reading the first page of the text. Answer the questions below.

5. What year did big mammoths disappear?_____

6. Which Indians lived in cliff dwellings?

7. Exit *The World Almanac for Kids*® by clicking on Home page at the top or bottom of the page.

CHALLENGE: Click on Keyword Search on the Home page and try the same Keyword Search. How is *The World Almanac for Kids* different from the Full-Text Articles database on SIRS Discoverer?



Using the Encyclopedia: Worksheet Twenty-Six

Name: _____

Date:

Help Discoverer find information in the Encyclopedia using the Text Search.

From the Home page, select Encyclopedia.

1. Click in the Text Search box. Just like in the Articles database, a key word or words can be entered to find information.



2. Type the word *deer* and click the Search button to view the article titles for *deer*.

3. Scroll down to MOOSE and open it. Look for the word deer within the article.

4. To look at the other articles from your search, click on the Back button in the toolbar at the top of your screen. Open another article and look for *Dolphin*. Practice moving from article to article as you look for the word *Dolphin*.

5. To start another keyword search, click on Encyclopedia in the choices at the bottom of the page. Then click in the Text Search box.

6. Remember when you want to narrow a search, it is helpful to use the words AND, OR and NOT. Type Fish AND Atlantic NOT Coast, then click on Search.

7. Scroll down the list to find an interesting article, then open it. Practice using the Back button to move from article to article.

8. Find the article "Herring" and answer the following question in a complete sentence. How do herring often travel?