



**STUDENT NOTEBOOK  
PAGES**

*Paths of Progress*  
Student Notebook Volume 1, Seventh Grade  
by Debbie Strayer and Linda Fowler

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Printed in the United States of America

Published by Geography Matters®  
800-426-4650  
[www.geomatters.com](http://www.geomatters.com)

## **Instructions**

The Student Notebook pages are designed to be used in tandem with *Paths of Progress*, a complete elementary curriculum for grades 5-7. Each page is designed specifically to correspond to assignments given in the curriculum. Use the lesson, part, and subject noted at the bottom of each page to match notebook pages with assignments.

Every page included in this set is also on the CD-ROM that came with *Paths of Progress*. This printed set of Student Notebook pages is intended to save parents the time and effort to print all pages. If a student needs any additional page through loss or damage, simply locate the needed page by grade level and unit on the disk. Then find the page by lesson, part, and subject found at the bottom of each Student Notebook page, and print that page.

### **Games**

Game cards and game boards are not included in this set of Student Notebook pages. You may print them from the CD-ROM that came with the *Paths of Progress*. If you print them you can print one-sided or double-sided. You can make very nice game cards by printing both sides on card stock.

### **The World of Tools and Technology pages**

Activities that include cutting pieces from the *World of Tools and Technology* book are NOT included in this package. They are found in the *World of Tools and Technology* book itself. If you have more than one student and need additional pages Commons Sense Press has granted permission to include them on the Student Resources disk that came with the *Paths of Progress*. You may print additional pages from the disk.





# GREAT LEAPS UNIT









GREAT LEAPS UNIT 1 – Lesson 1 <i>At A Glance</i>		
<b>A. COPYWORK &amp; DICTATION</b>		Extra work – Enrichment
	Part 1	<input type="checkbox"/> <i>Story of Inventions</i> : Page 185, paragraphs 2 & 3
	Part 2	<input type="checkbox"/> Steps for Thinking <input type="checkbox"/> Two examples
	Part 3	<input type="checkbox"/> <i>Story of Inventions</i> : Page 7, paragraphs 1 & 2, page 8, paragraph 2
	Part 4	<input type="checkbox"/> <i>Samuel F.B. Morse</i> : Page 15, paragraph 12-page 16, paragraphs 1 & 3
<b>B. READER</b>		<i>Munford Meets Robert Fulton</i> (silently) & <i>The Story of Inventions</i> (silently) Extra work – Enrichment
	Part 1	<input type="checkbox"/> <i>Munford Meets Robert Fulton</i> : page 7 (Chapter 1)-page 15 <input type="checkbox"/> <i>Story of Inventions</i> : Pages 3-6 <input type="checkbox"/> Tell answers (2 questions)
	Part 2	<input type="checkbox"/> <i>Munford Meets Robert Fulton</i> : page 17 (Chapter 2)-page 27, paragraph 2 <input type="checkbox"/> <i>Story of Inventions</i> : Pages 6-11
	Part 3	<input type="checkbox"/> <i>Munford Meets Robert Fulton</i> : page 27, paragraph 3-page 38 <input type="checkbox"/> <i>Story of Inventions</i> : Pages 11-14 <input type="checkbox"/> Write answers (2 questions)
	Part 4	<input type="checkbox"/> <i>Munford Meets Robert Fulton</i> : page 39 (Chapter 5)-the top of page 48 <input type="checkbox"/> <i>Story of Inventions</i> : Pages 14-18 <input type="checkbox"/> Tell answers (2 questions)
<b>C. READ ALOUD</b>		<i>Samuel F. B. Morse</i> (aloud) Extra work – Enrichment
	Part 1	<input type="checkbox"/> Page 1-page 7, paragraph 6 <input type="checkbox"/> Retell passage
	Part 2	<input type="checkbox"/> Page 7, paragraph 7-page 13 <input type="checkbox"/> Make up 4 questions
	Part 3	<input type="checkbox"/> Page 14-bottom of page 19 <input type="checkbox"/> Retell from Samuel's point of view
	Part 4	<input type="checkbox"/> Page 19, last paragraph-page 28, paragraph 6 <input type="checkbox"/> Make 4 predictions
<b>D. VOCABULARY &amp; WORD BUILDING</b>		Extra work – Enrichment
	Part 1	<input type="checkbox"/> 10 vocabulary cards
	Part 2	<input type="checkbox"/> "geo-" words <input type="checkbox"/> Write definitions (9 words)
	Part 3	<input type="checkbox"/> Vocabulary review
	Part 4	<input type="checkbox"/> 9 "geo-" words <input type="checkbox"/> Write sentence
<b>E. ECONOMICS, HISTORY &amp; SCIENCE</b>		<i>The World of Tools and Technology</i> Extra work – Enrichment
	Part 1	<input type="checkbox"/> Concepts <input type="checkbox"/> Vocabulary cards <input type="checkbox"/> Book <input type="checkbox"/> Organizer <input type="checkbox"/> Activity #1 <input type="checkbox"/> Activity #2 <input type="checkbox"/> Activity #3 <input type="checkbox"/> Research summary
	Part 2	<input type="checkbox"/> Products <input type="checkbox"/> Research 3 products <input type="checkbox"/> Chart <input type="checkbox"/> George Washington profile
	Part 3	<input type="checkbox"/> Concepts <input type="checkbox"/> Vocabulary <input type="checkbox"/> Book <input type="checkbox"/> Organizer <input type="checkbox"/> Lab #1 <input type="checkbox"/> Lab #2 <input type="checkbox"/> Meter <input type="checkbox"/> Activity #1 <input type="checkbox"/> Research summary #1 <input type="checkbox"/> Activity #2 <input type="checkbox"/> Research summary #2
	Part 4	<input type="checkbox"/> Services <input type="checkbox"/> Research 3 services <input type="checkbox"/> Charts
<b>F. WRITING, EDITING &amp; SPELLING</b>		Extra work – Enrichment
	Part 1	<input type="checkbox"/> Writing answers (2 questions) <input type="checkbox"/> Make up 2 questions & answer them
	Part 2	<input type="checkbox"/> Correct 12 sentences
	Part 3	<input type="checkbox"/> Lab Report #1 <input type="checkbox"/> Lab Report #2
	Part 4	<input type="checkbox"/> Choose 12-18 words <input type="checkbox"/> Study <input type="checkbox"/> Spell
<b>G. MUSIC &amp; ART</b>		<i>The Story of the Orchestra</i> Extra work – Enrichment
	Part 1	<input type="checkbox"/> Introduction <input type="checkbox"/> "Ride of the Valkyries" <input type="checkbox"/> Instrument sounds
	Part 2	<input type="checkbox"/> <i>Basix Recorder Method</i> : Pages 3-5
	Part 3	<input type="checkbox"/> Baroque period <input type="checkbox"/> Orchestra Story cards
	Part 4	<input type="checkbox"/> <i>Create Anything With Clay</i> : clay sculpture
<b>H. INDEPENDENT READING</b>		35 minutes daily <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>REVIEW</b>	Part 5	<input type="checkbox"/> Steps for Thinking <input type="checkbox"/> Spelling Review <input type="checkbox"/> Vocabulary review <input type="checkbox"/> Timeline <input type="checkbox"/> Word Search <input type="checkbox"/> <i>Basix Recorder Method</i> : pages 6 & 7
<b>MATERIALS</b>		Supplies: _____ Books: _____





# Science

Activity #1:

Day's work:

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One item in steps:

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## Science Con't.

Activity #2:



## Writing

Question 1, first part:

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Question 1, second part:

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Question 2:

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My questions and answers:

1. \_\_\_\_\_

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2. \_\_\_\_\_

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**“The Ride of the Valkyries”**



## Steps for Thinking

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

### Examples:

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

## Discussion

Question 1: \_\_\_\_\_

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Best Answer: \_\_\_\_\_

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Question 2: \_\_\_\_\_

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Best Answer: \_\_\_\_\_

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Question 3: \_\_\_\_\_

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Best Answer: \_\_\_\_\_

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Question 4: \_\_\_\_\_

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Best Answer: \_\_\_\_\_

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## Word Building

geo- means \_\_\_\_\_

_____	_____
	_____
_____	_____
	_____
_____	_____
	_____
_____	_____
	_____
_____	_____
	_____
_____	_____
	_____
_____	_____
	_____
_____	_____
	_____

## Goods Consumed

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

### Production Chart

Item	Step 1	Step 2	Step 3	Step 4	Before Machines

## Editing

1. james watt was born in greenock, Scotland (5)
2. watt moved to glasgow and worked as a mechanic (3)
3. do you think watt enjoyed the long hours in the London shop where he worked (4)
4. mr. watt wanted james to choose a trade in glasgow that was in demand so that he would be assured of making profitable wages (5)
5. watt later read about a steam engine invented by giovanni branca (4)
6. watt learned italian and german so he could learn more about engines (4)
7. did matthew Boulton become watt's partner in 1774 (5)
8. did a friend who was a teacher at the university of glasgow help james make a start (5)
9. in 1767, watt built a trial engine nicknamed beelzebub (4)
10. matthew Boulton employed the best mechanics in Europe and owned a large hardware factory in England (5)
11. did watt have a new idea come into his mind during a Sunday afternoon walk in Glasgow (5)
12. eager to learn more, watt read about Papin's engine in a German book (5)





## Comprehension

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

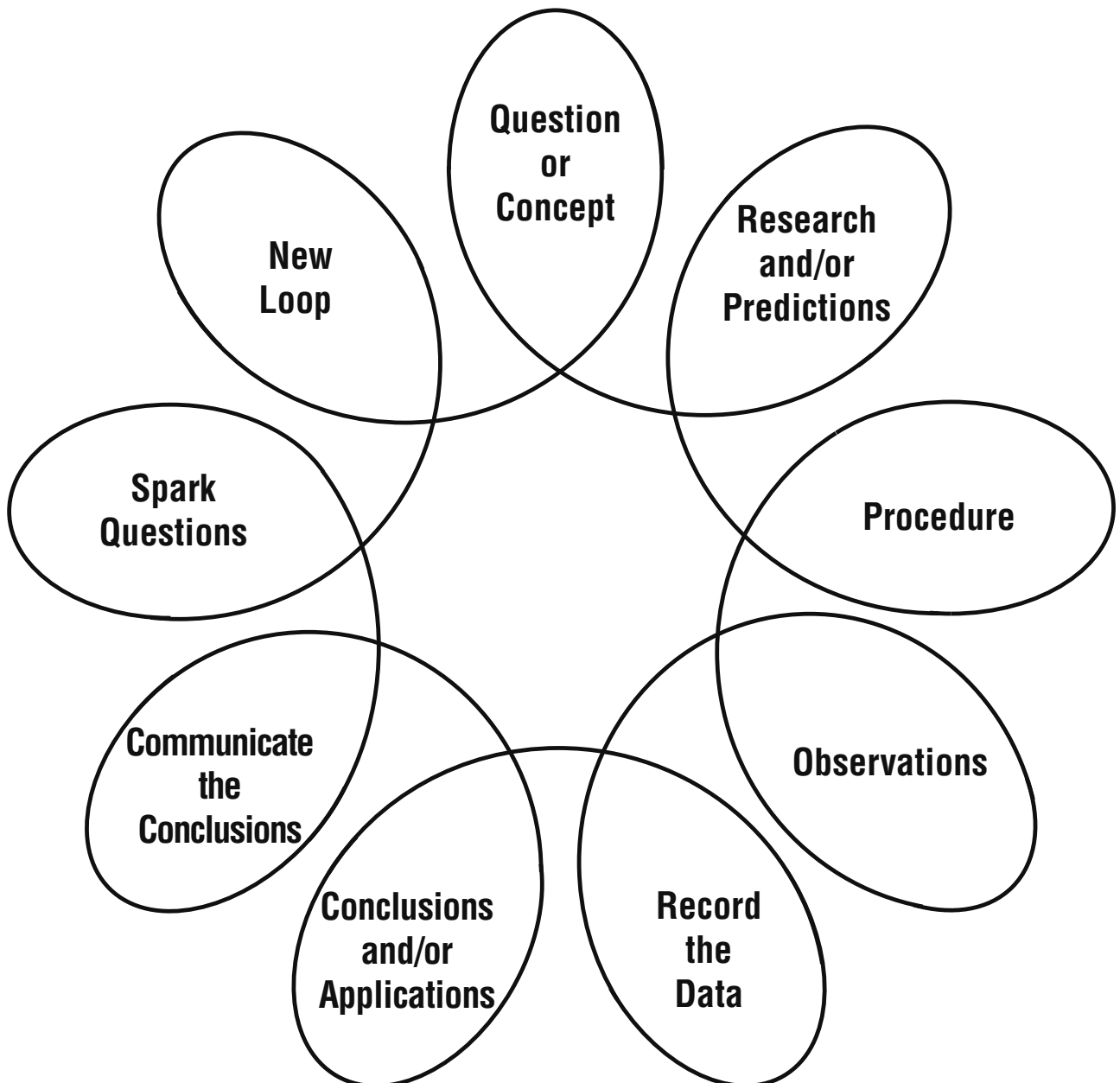






## The World of Tools and Technology

# *Investigative Loop*<sup>™</sup>





## ***The World of Tools and Technology***

Lesson \_\_\_\_\_ Lab Report

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Purpose: \_\_\_\_\_

\_\_\_\_\_

Materials:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Procedure: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Observations/Data: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Analysis of Data: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## ***The World of Tools and Technology***

Conclusions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Pictures, Diagrams, or Charts:

## ***The World of Tools and Technology***

Lesson \_\_\_\_\_ Lab Report

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Purpose: \_\_\_\_\_

\_\_\_\_\_

Materials:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Procedure: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Observations/Data: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Analysis of Data: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## ***The World of Tools and Technology***

Conclusions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Pictures, Diagrams, or Charts:



## The Baroque Period

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

5. \_\_\_\_\_  
\_\_\_\_\_





## Predictions

What I think will happen next:

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Came to pass

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Came to pass

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Came to pass

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Came to pass



## Services Used

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

### Production Chart

Service	Step 1	Step 2	Step 3	Step 4	Limited or Scarce? Why?

## Spelling List

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Challenge words:

_____	_____
_____	_____
_____	_____

Problem words:

_____	_____
_____	_____

## Spelling Practice

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____





## Spelling Practice

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

# The World of Tools and Technology

## Tools in Time Timeline

4999 B.C.

4000 B.C.

3999 B.C.

3000 B.C.

2999 B.C.

2000 B.C.

1999 B.C.

cut on the dashed lines



**The World of Tools and Technology**  
**Tools in Time Timeline**

1000 B.C.

999 B.C.

1 B.C.

1 A.D.

1000 A.D.

cut on the dashed lines



# The World of Tools and Technology

## Tools in Time Timeline

1001 A.D.

1300 A.D.

1301 A.D.

1800 A.D.

1801 A.D.

1900 A.D.

1901 A.D.

2000 A.D.

cut on the dashed lines





## *Great Leaps Word Search*

A P C S T E A M E N G I N E F G F M Z R Z G D  
 M O T L H D D G G E N I U Y D Q K E K N N U I  
 I O T B D J W R X H Z X U U L Q D T O X F L P  
 V R R T E L E C T R I C I T Y Y H T H V Z T L  
 Y R A M P N U I N C L I N E D P L A N E M Y O  
 Z I R T R G J W T N U J F K U U P N K F I P M  
 B C T I I M R A X Q I F F R F N A P G R N E A  
 E H I N N O Y V M V R T L T I M E H V T V M T  
 E A S A T V E R J I N M R W O C O P T G E E S  
 L R T Y I A G N H U N E H R E N T A Q R N T T  
 Z D S G N B V S R L B F X V N D W I R G T A E  
 E S A G G L V R U O S K R P Y S G A O T O L A  
 B A M Z P E F P R B K V W A E B X E C N R B M  
 U L U F R T E R D U M L Z M N R S R L H B S B  
 B M E I E Y K R M T S A A R F K I V H B T V O  
 H A L F S P V O L U E J R L O O L M R A V A A  
 U N M M S E Q J X C L L F I Q K T I E J L Z T  
 O A O U S J I H I S E Q E Y N T Y A N N O X T  
 F C R V C O D E Z B B D G G S E T H A T T X Y  
 P K S Z K V C J V Z L H K D R L Q L O P S D W  
 V E E R A Y C L E R M O N T B A D Y V F U G L  
 H L O T P F V Q I C D Q Q Y Q M P B Z W R W B  
 G W J O H N G U T E N B E R G M Y H V G D H C

**artist****Beelzebub****Benjamin Franklin****Clermont****diplomat****electricity****experiment****friction****inclined plane****inventor****James Watt****John Gutenberg****movable type****Poor Richard's Almanack****printing press****Robert Fulton****Samuel Morse****steam engine****steamboat****submarine****telegraph****type metal****wedge****work**