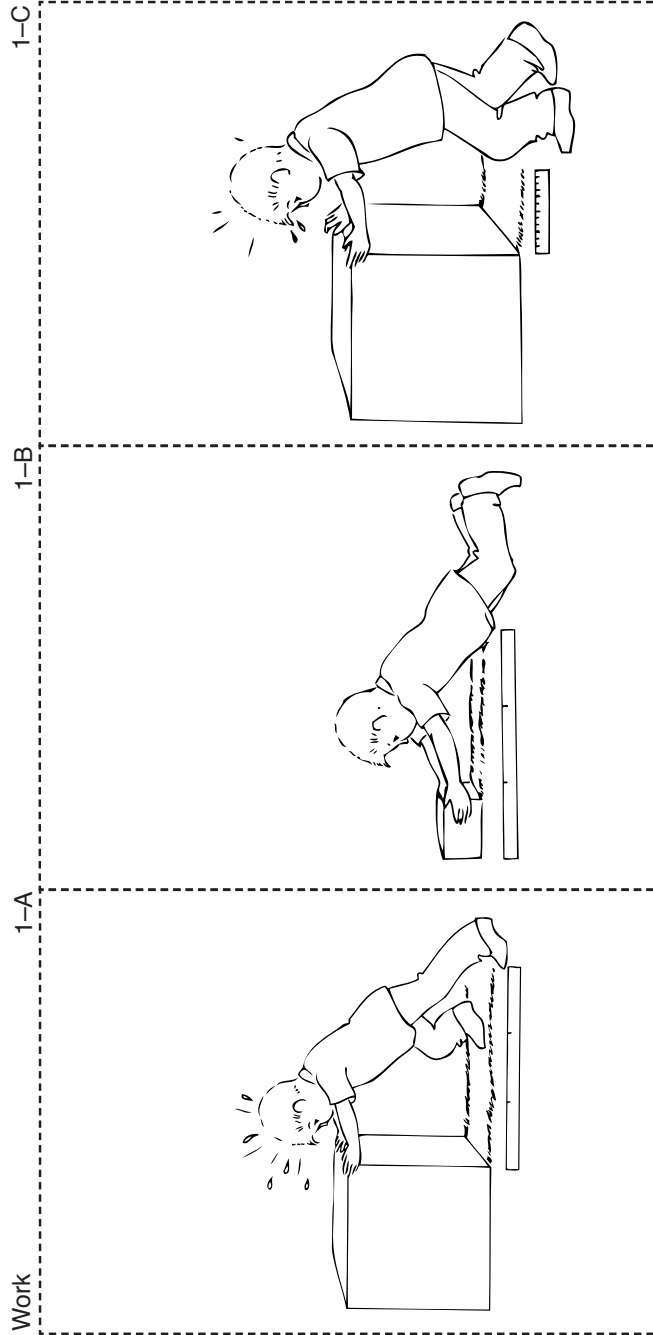


GREAT LEAPS UNIT 1 – Lesson 1 <i>At A Glance</i>			
A. COPYWORK & DICTATION		<input type="checkbox"/> <i>Story of Inventions</i> : Page 185, paragraph 2 <input type="checkbox"/> Steps for Thinking <input type="checkbox"/> One example for each	Extra work – Enrichment
	Part 1		
	Part 2		
	Part 3		
	Part 4		
B. READER		<input type="checkbox"/> <i>Munford Meets Robert Fulton</i> (aloud) & <i>The Story of Inventions</i> (listen to)	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)	
C. READ ALOUD		<input type="checkbox"/> <i>Samuel F. B. Morse</i> (listen to)	Extra work – Enrichment
	Part 1	<input type="checkbox"/> Page 1-page 7, paragraph 6 <input type="checkbox"/> Retell 1 page	
	Part 2	<input type="checkbox"/> Page 7, paragraph 7-page 13 <input type="checkbox"/> Make up 2 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 2 predictions	
D. VOCABULARY & WORD BUILDING		<input type="checkbox"/> 5 vocabulary cards	Extra work – Enrichment
	Part 1		
	Part 2	<input type="checkbox"/> "geo-" words <input type="checkbox"/> Write definitions (3 words)	
	Part 3	<input type="checkbox"/> Vocabulary review	
	Part 4	<input type="checkbox"/> 3 "geo-" words <input type="checkbox"/> Write sentence	
E. ECONOMICS, HISTORY & SCIENCE		<input type="checkbox"/> <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	
	Part 2	<input type="checkbox"/> Products <input type="checkbox"/> Research 1 product <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 <input type="checkbox"/> Summary	
	Part 4	<input type="checkbox"/> Services <input type="checkbox"/> Research 1 service <input type="checkbox"/> Chart	
F. WRITING, EDITING & SPELLING		<input type="checkbox"/> Writing answers (2 questions)	Extra work – Enrichment
	Part 1		
	Part 2	<input type="checkbox"/> Correct 6 sentences	
	Part 3	<input type="checkbox"/> Lab Report #1 <input type="checkbox"/> Lab Report #2	
	Part 4	<input type="checkbox"/> Choose 8-12 words <input type="checkbox"/> Study <input type="checkbox"/> Spell	
G. MUSIC & ART		<input type="checkbox"/> <i>The Story of the Orchestra</i>	
	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	
H. INDEPENDENT READING		<input type="checkbox"/> 30 minutes daily <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
REVIEW	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	
MATERIALS		Supplies:	Books:



# The World of Tools and Technology

## Graphics For Lesson 1



cut on the dashed lines

# Science

Activity #1:

Day's work:

---

---

---

---

---

---

---

---

---

---

---

---

One item in steps:

---

---

---

---

---

---

---

---

---

---

---

---

## Science Con't.

Activity #2:

## Writing

Question 1, first part:

---

---

Question 1, second part:

---

---

Question 2:

---

---

---

**“The Ride of the Valkyries”**

## Steps for Thinking

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

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

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

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



## Discussion

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

---

---

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

---

---

---

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

---

---

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

---

---

---

## 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)

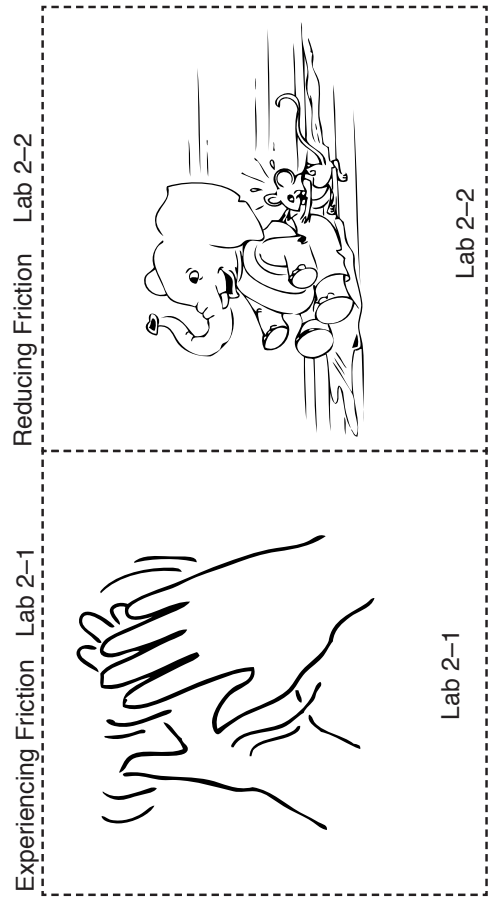
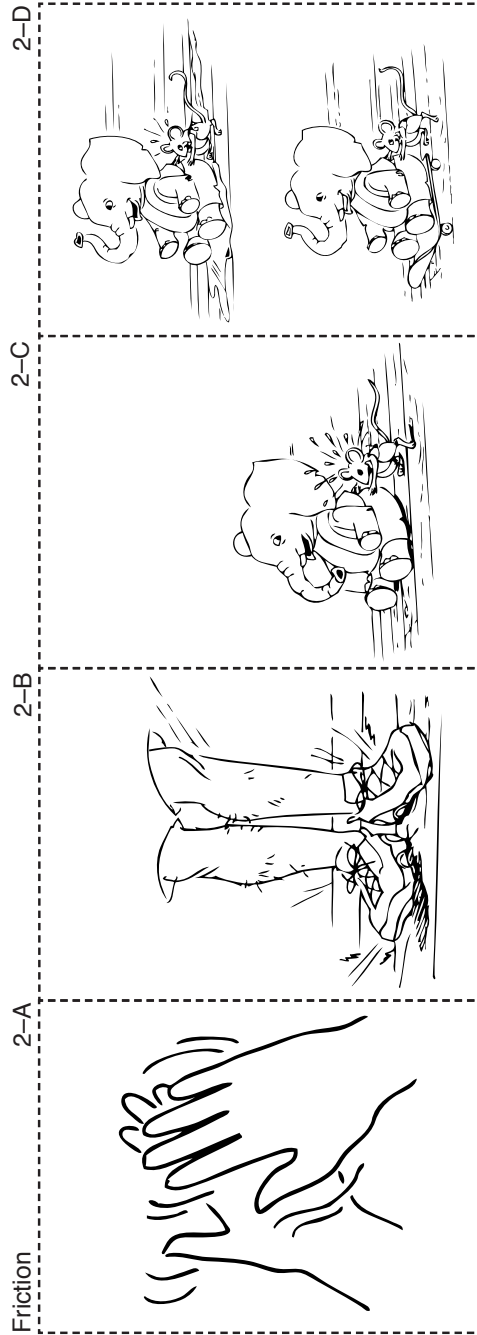


## Comprehension

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

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

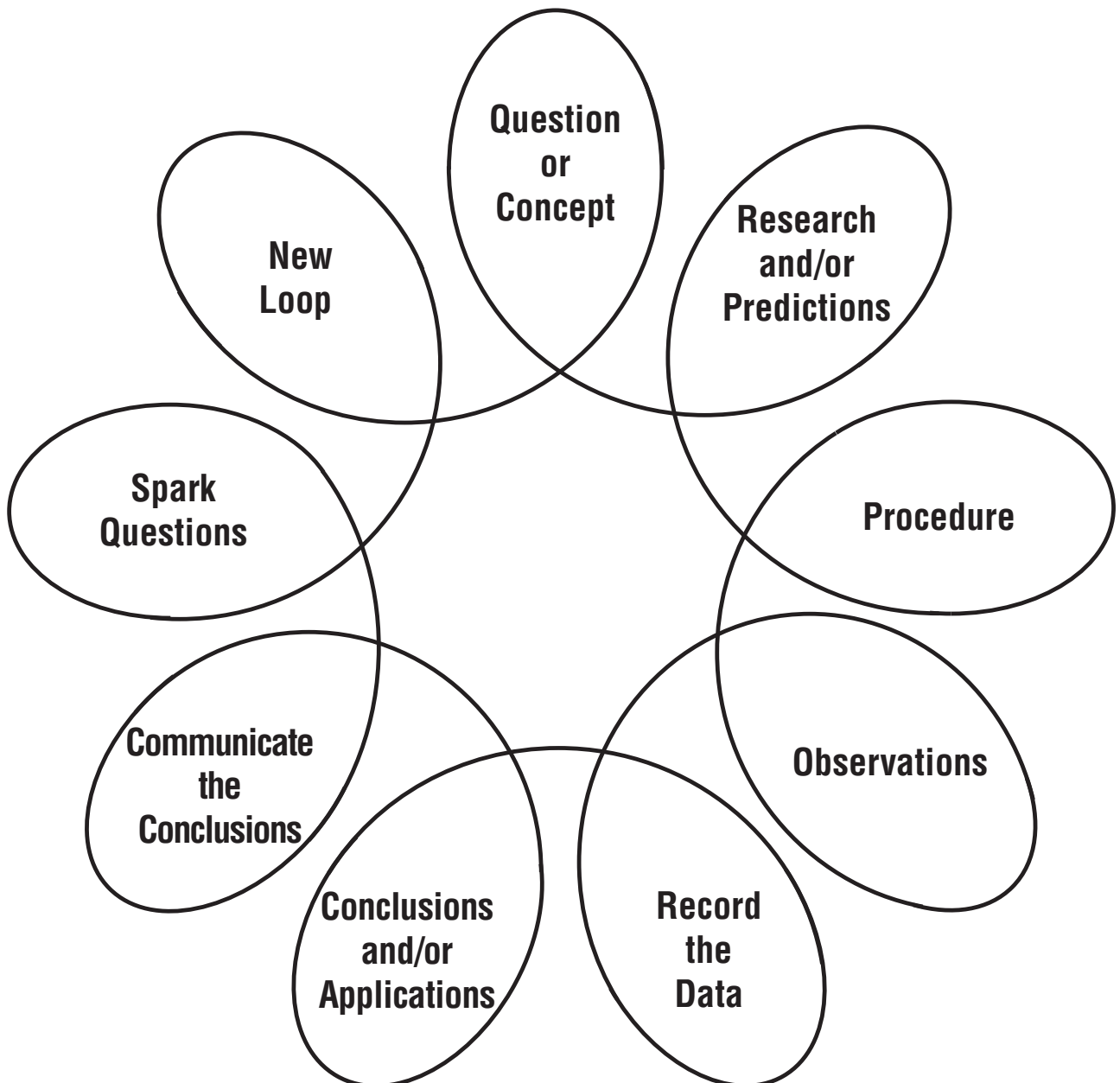
# The World of Tools and Technology Graphics For Lesson 2



cut on the dashed lines

## The World of Tools and Technology

# *Investigative Loop*<sup>™</sup>







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

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

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

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

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

\_\_\_\_\_

Materials:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Pictures, Diagrams, or Charts:

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

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

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

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

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

\_\_\_\_\_

Materials:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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



## Word Building

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

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

## 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.

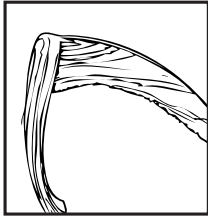

2000 A.D.

cut on the dashed lines

# The World of Tools and Technology

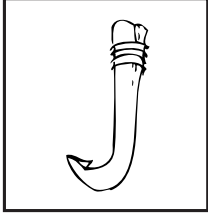

## Tools in Time Timeline

Tools in Time 1-P Jordan



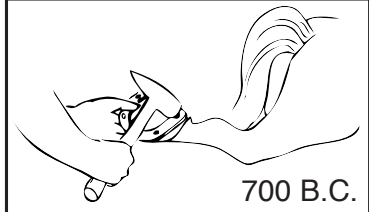

6000 B.C.

Tools in Time 1-Q Yugoslavia




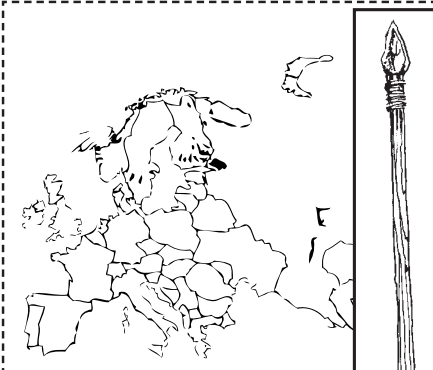
4500 B.C.

Tools in Time 2-E Europe



700 B.C.

Tools in Time 2-F France



6000 B.C.

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**