

GREAT LEAPS UNIT 1 – Lesson 1 <i>At A Glance</i>		
A. COPYWORK & DICTATION		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. READER		<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)
C. READ ALOUD		<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
D. VOCABULARY & WORD BUILDING		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
E. ECONOMICS, HISTORY & SCIENCE		<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
F. WRITING, EDITING & SPELLING		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
G. MUSIC & ART		<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
H. INDEPENDENT READING	35 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:

Dictation

The Story of Inventions: page 185, paragraphs 2 & 3

Science

Activity #1:

Day's work:

One item in steps:

Science Con't.

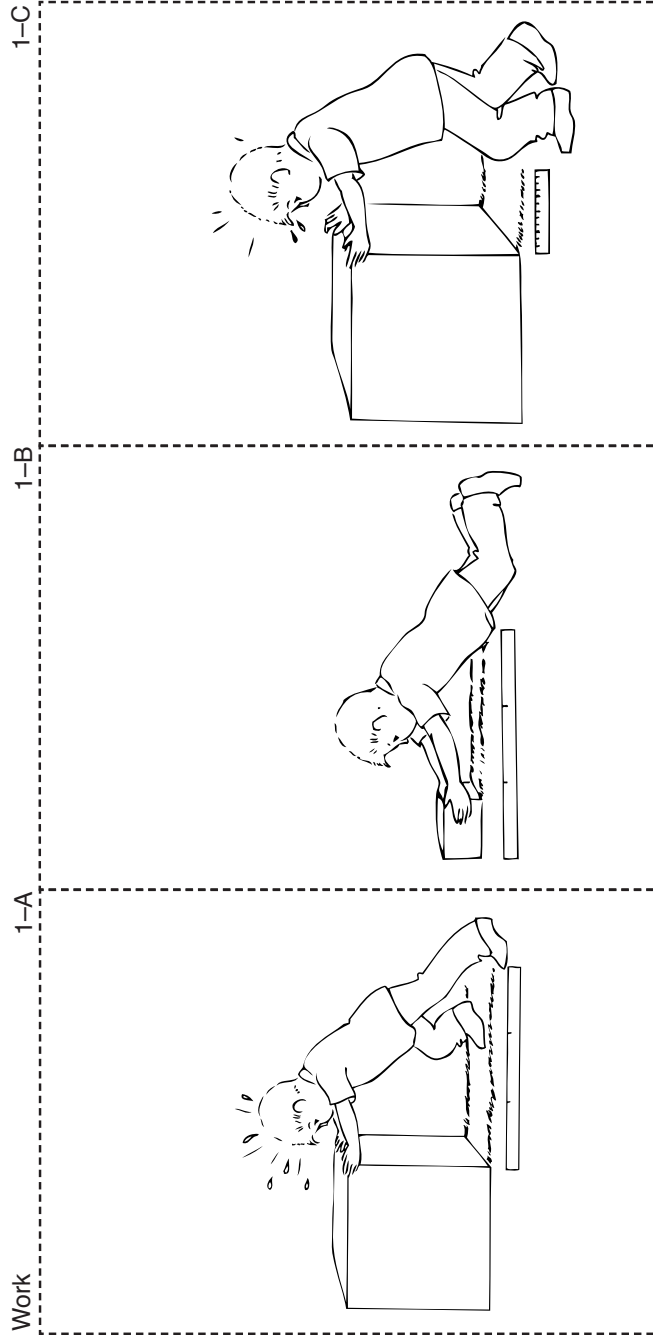
Activity #2:

Activity #3.

(Name of Activity)

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Graphics For Lesson 1



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Writing

Question 1, first part:

Question 1, second part:

Question 2:

My questions and answers:

1. _____

2. _____

“The Ride of the Valkyries”

Steps for Thinking

1. _____

2. _____

3. _____

4. _____

Examples:

1. _____

2. _____

1. _____

2. _____

1. _____

2. _____

1. _____

2. _____

Discussion

Question 1: _____

Best Answer: _____

Question 2: _____

Best Answer: _____

Question 3: _____

Best Answer: _____

Question 4: _____

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

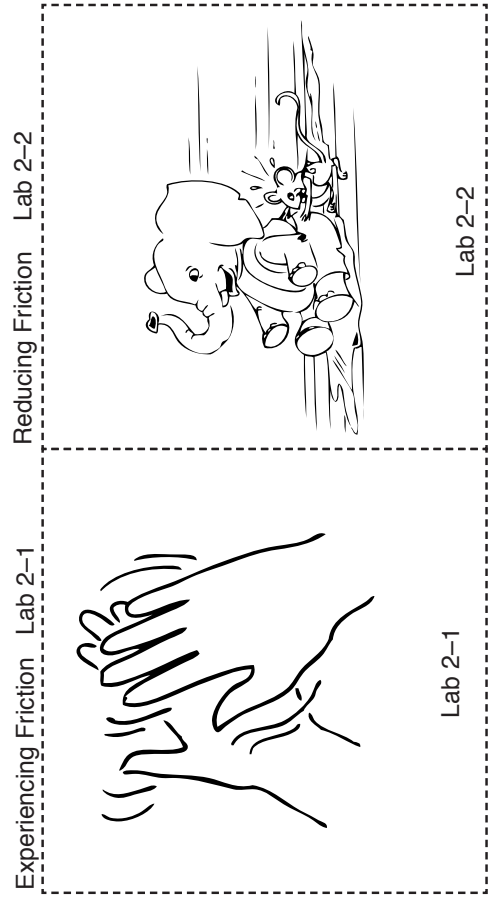
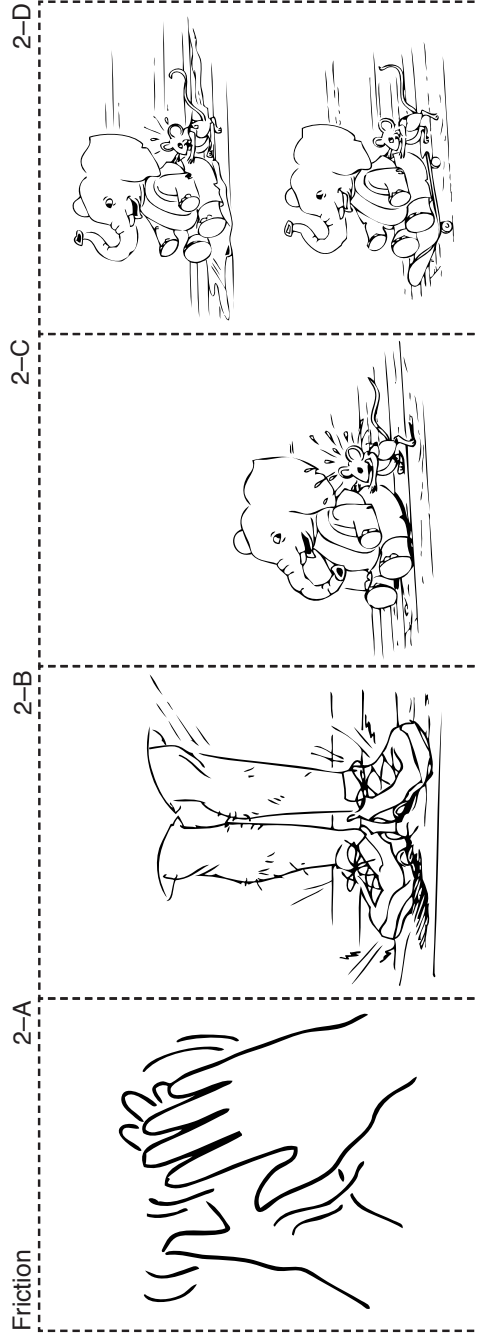
1. james watt was born in greenock, Scotland (5)
2. watt moved to glasgow and worked as a mechanic (3)
3. do you think watt enjoyed the long hours in the London shop where he worked (4)
4. mr. watt wanted james to choose a trade in glasgow that was in demand so that he would be assured of making profitable 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)
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. _____

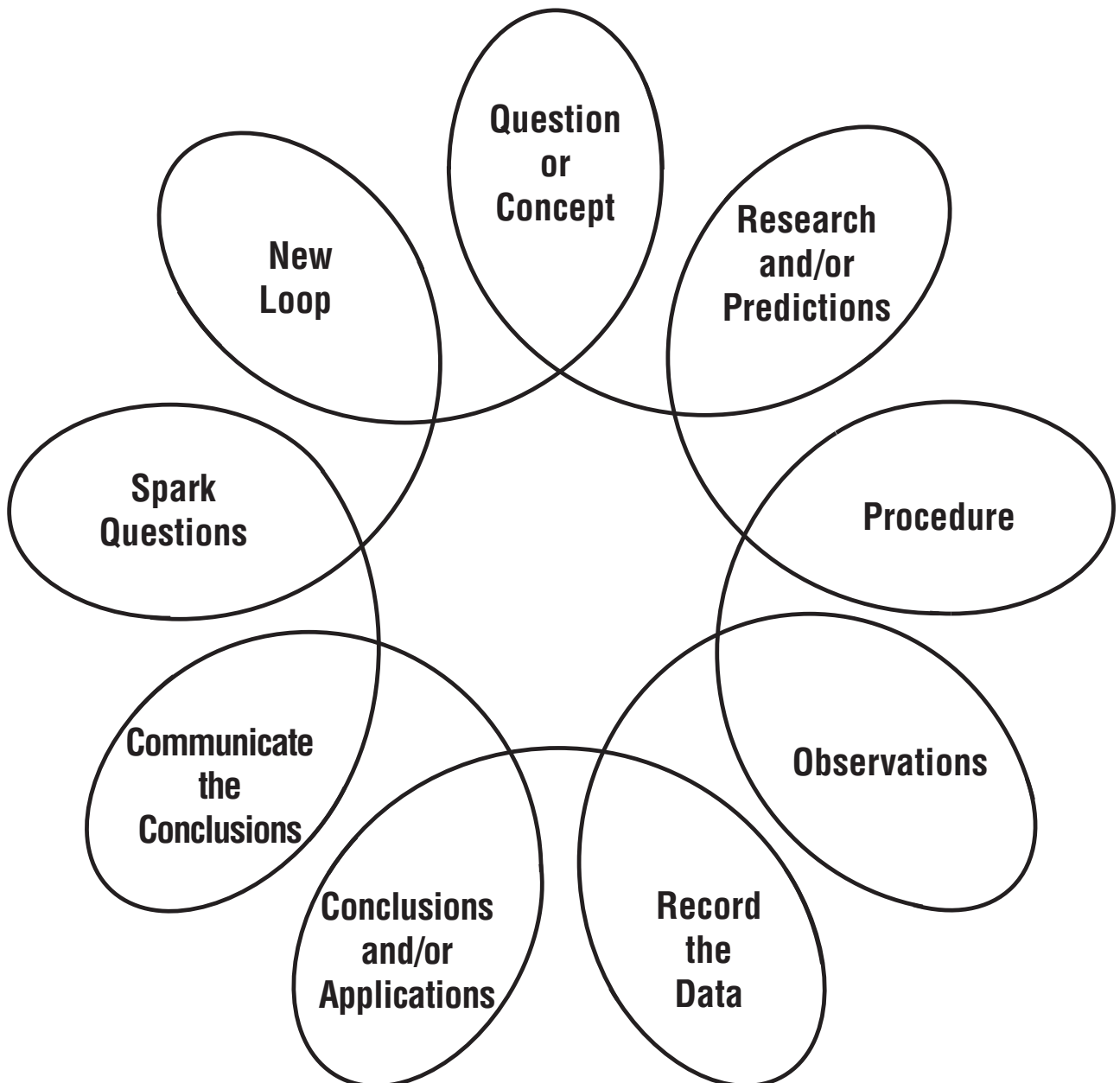
The World of Tools and Technology Graphics For Lesson 2



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Investigative Loop[™]



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Lesson _____ Lab Report

Date: _____

Title: _____

Purpose: _____

Materials:

Procedure: _____

Observations/Data: _____

Analysis of Data: _____

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Conclusions: _____

Pictures, Diagrams, or Charts:

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Lesson _____ Lab Report

Date: _____

Title: _____

Purpose: _____

Materials:

Procedure: _____

Observations/Data: _____

Analysis of Data: _____

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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

Word Building

geo- means _____

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

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

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

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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.

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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.

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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.

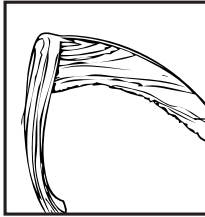
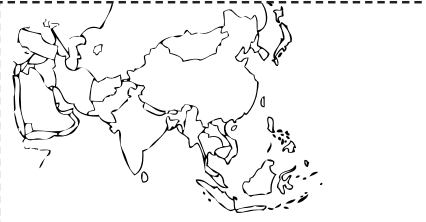
2000 A.D.

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The World of Tools and Technology

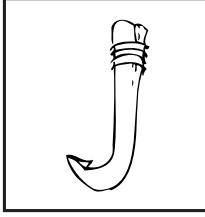

Tools in Time Timeline

Tools in Time 1-P Jordan



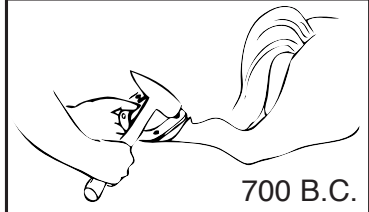

6000 B.C.

Tools in Time 1-Q Yugoslavia




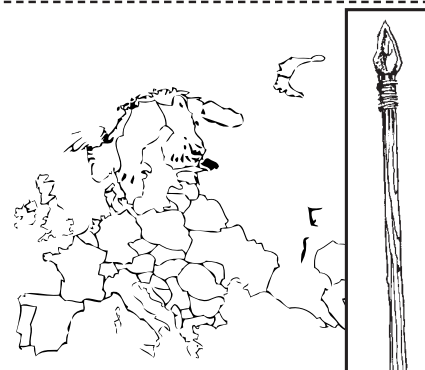
4500 B.C.

Tools in Time 2-E Europe



700 B.C.

Tools in Time 2-F France



6000 B.C.

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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