

Answer Key for Student Activity Book
Understanding Pennsylvania: Our Geography, History, Economics, and Government

Activity 1 – Using the Internet

- | | | | |
|------------------|--------------------------------|-------------------------------|------------------------|
| 1. 11.5 billion | 5. National Memorial | 9. youngest Civil War general | |
| 2. * (star) | 6. French and Indian | 10. furniture | 13. Drake Well Museum |
| 3. England | 7. 1 st White House | 11. largest history museum | 14. Answers will vary. |
| 4. rude behavior | 8. Pittsburgh | 12. near State College | |

Activity 2 – Using the Index and Glossary

- | | | | |
|--------------------|-----------------------------|----------------|-----------------------------|
| 1. mouth | 6. municipalities | 11. p. 76 | 16. trading posts |
| 2. source | 7. theocracy | 12. p. 44 | 17. 1763 |
| 3. a name given to | 8. a safe place | 13. mapmaker | 18. dictator of North Korea |
| 4. audit | 9. anarchy | 14. Jim Thorpe | |
| 5. converted | 10. Ben Franklin's daughter | 15. p. 111 | |

Activity 3 – Using Cardinal and Intermediate Directions

- | | | | |
|--------------|------------------------|---------------|---------------|
| 1. Maryland | 5. northeast | 9. north | 13. southwest |
| 2. 6 states* | 6. southeast | 10. south | 14. northwest |
| 3. southwest | 7. northeast/southwest | 11. southeast | 15. northeast |
| 4. northwest | 8. south | 12. southeast | 16. east |

Activity 4 – Finding Places with Latitude and Longitude

- | | | | |
|-----------------|---------------------|--------------------|-------------------|
| 1. Pennsylvania | 5. Indian Ocean | 9. DNE | 13. New Zealand |
| 2. Australia | 6. Algeria | 10. Russia | 14. Canada |
| 3. DNE | 7. Papua New Guinea | 11. Gulf of Mexico | 15. India |
| 4. Brazil | 8. Greenland | 12. China | 16. Alaska |
| | | | 17. Vinson Massif |

Activity 5 – Interpreting Climatic Data for Pennsylvania

- | | | | |
|-----------------|--------------------|--------------------------------|-----------|
| 1. Pittsburgh | 5. Scranton | 9. Harrisburg/ Pittsburgh -22° | |
| 2. Philadelphia | 6. Erie | 10. 129° | |
| 3. Erie | 7. Philadelphia | 11. 72.4" | |
| 4. Allentown | 8. Harrisburg 107° | 12. 7.61" | 13. 22.6° |

Activity 6 – Classifying the Landform Regions of Pennsylvania

- | | | | |
|---------------------------|---------------------------|-----------------------|----------------------------|
| 1. Piedmont | 6. Ridge & Valley | 11. Erie Plain | 16. Piedmont |
| 2. Atlantic Coastal Plain | 7. Allegheny Plateau | 12. Ridge & Valley | 17. Atlantic Coastal Plain |
| 3. Allegheny Plateau | 8. Atlantic Coastal Plain | 13. Piedmont | 18. Piedmont |
| 4. Ridge & Valley | 9. Ridge & Valley | 14. Allegheny Plateau | |
| 5. Erie Plain | 10. Allegheny Plateau | 15. Erie Plain | |

Activity 7 – Identifying the Water Forms of Pennsylvania

(Secret Word: reservoir)

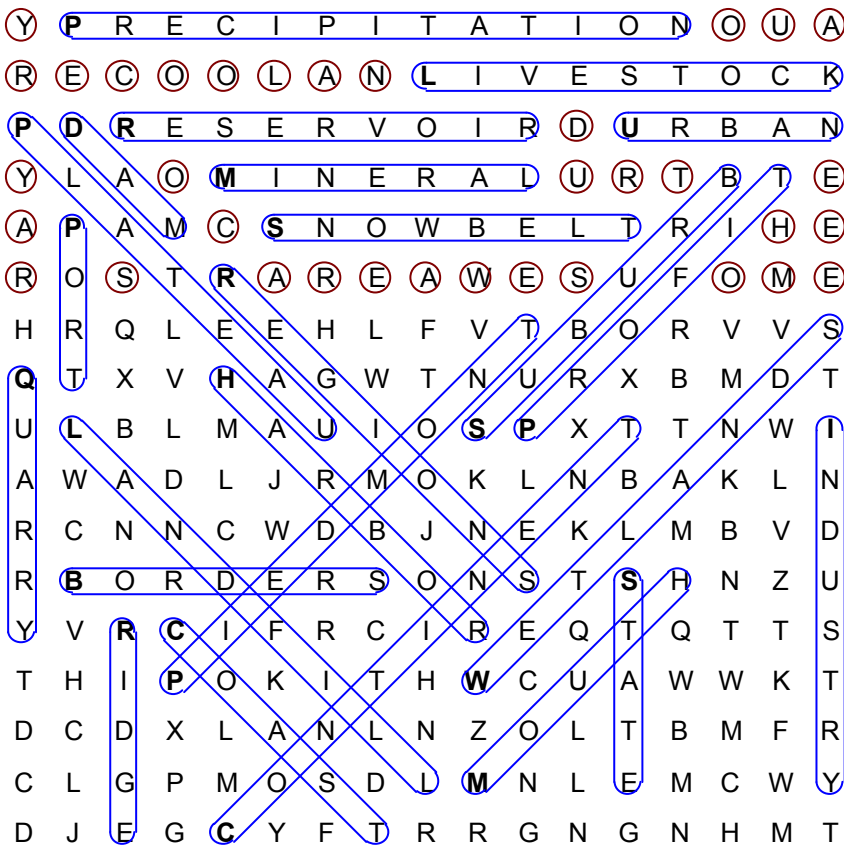
- | | | |
|------------------|----------------|--|
| 1. Clarion | 6. Lake Erie | 11. Youghiogheny |
| 2. Susquehanna | 7. Beaver | 12. Allegheny |
| 3. Monongahela | 8. West Branch | 13. Schuylkill |
| 4. Juniata | 9. Delaware | 14. Ohio |
| 5. Raystown Lake | 10. Lehigh | 15. Delaware, Ohio, Monongahela, Lake Erie |

Activity 8 – Natural Resources of Pennsylvania

- | | | | |
|-----------------|-----------------------|------------------|-----------------|
| 1. fossil fuel | 6. population density | 11. conservation | 16. forest |
| 2. viaduct | 7. mining | 12. commission | 17. energy |
| 3. nonrenewable | 8. natural resource | 13. renewable | 18. petroleum |
| 4. anthracite | 9. bituminous | 14. ecosystem | 19. natural gas |
| 5. environment | 10. mineral | 15. region | 20. deposits |

Activity 9 – Pennsylvania Geography Words

Hidden Message: You are cool and your teachers are awesome



Activity 10 – Using Pennsylvania’s Timeline

- | | | |
|------------------|------------------------------------|---------------|
| 1. 15,000 | 6. aluminum | 11. York |
| 2. 408 | 7. 1780 | 12. 1,250,000 |
| 3. Sweden | 8. Hershey opens chocolate factory | 13. 1876 |
| 4. 43 | 9. 1859 | 14. 1664 |
| 5. polio vaccine | 10. 1688 | 15. 1835 |

Activity 11 – Comparing and Contrasting Native American Tribes in Pennsylvania

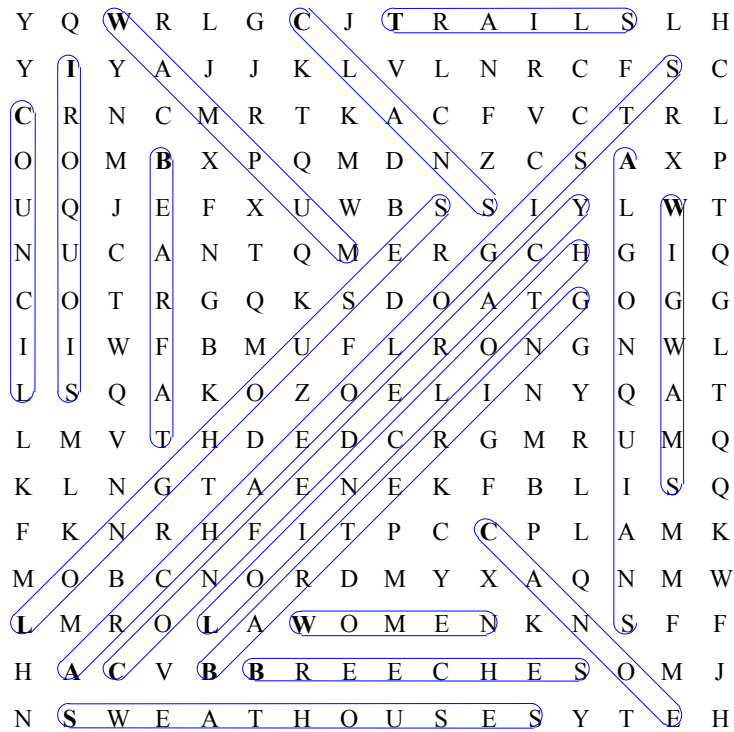
Similarities

- government = lived in clans; older women appointed chiefs and men council leaders
- homes = made from trees and what nature provided
- worshipped nature; believed in one Great Spirit
- transportation = walking on trails; canoes
- bartering; trading; wampum

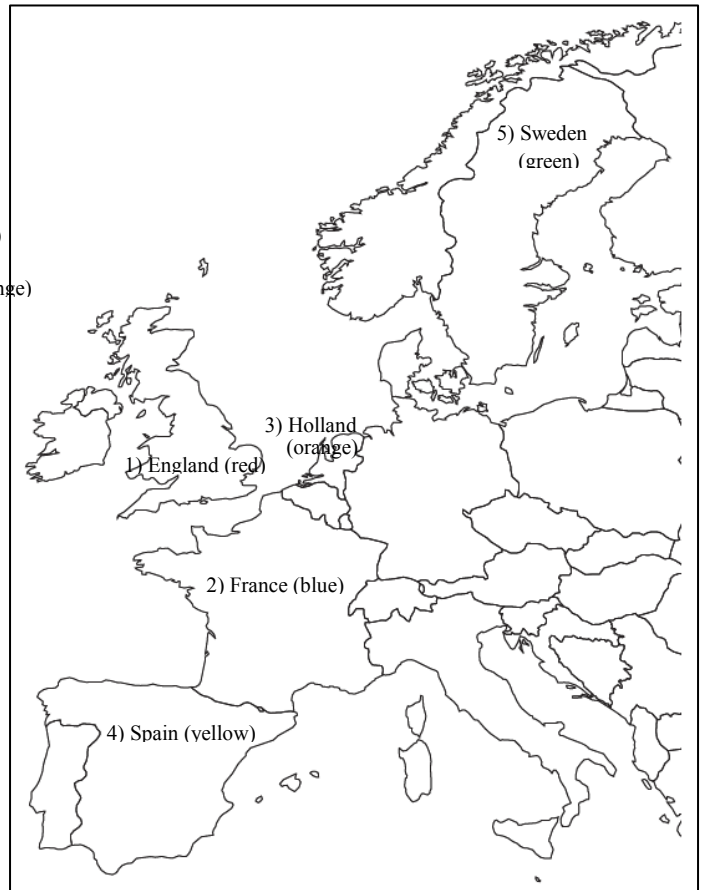
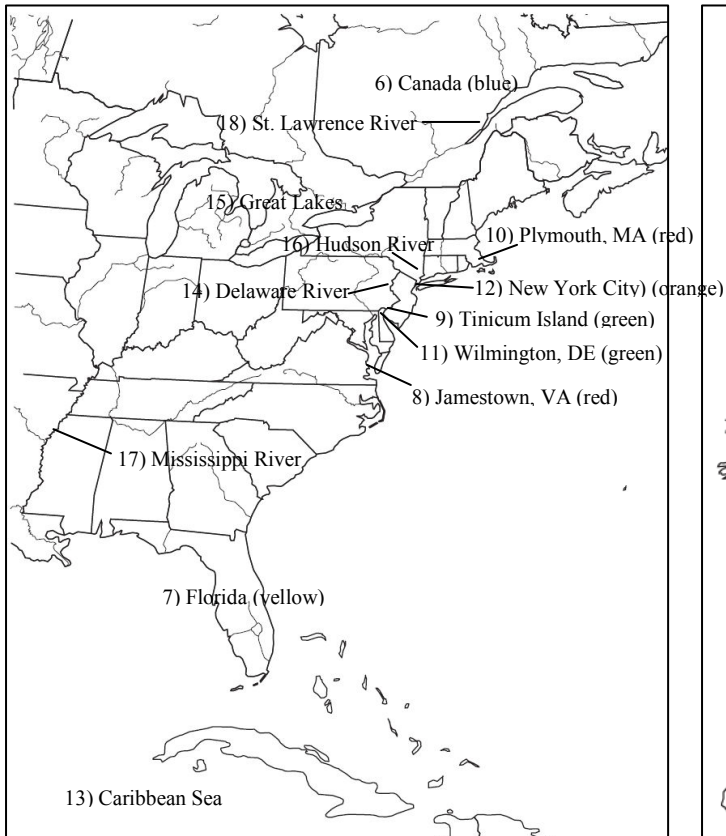
Differences

	<u>Algonquians</u>	<u>Iroquois</u>
1. government =	council of men, 1 was chief	formed confederacy with council of chiefs, had a head chief
2. homes	called wigwams in 3 different shapes; sweat houses	longhouses; wooden fences and spikes
3. religion	worshipped spirits of animals	worship spirits through dreams Master of Life
4. transportation	birch bark canoes	elm canoes
5. language	spoke Algonquian	spoke Iroquois
6. location	mainly Pennsylvania	mainly New York, Great Lakes area, small areas of Pennsylvania

Activity 12 – Native American Tribes in Pennsylvania



Activity 13 – Europeans Stampede North America



Activity 14 – Penn – Mastermind of Religious Freedom

Part 1

1681 – Penn’s Charter; 1st Frame of Government; Holy Experiment Begins

1682 – Delaware Deeded to Penn; Great Law

1683 – Treaty of Friendship

1701 – Charter of Privileges

Part 2

- | | |
|------------|-------|
| 1) B, D, E | 7) C |
| 2) D | 8) A |
| 3) E | 9) E |
| 4) F | 10) D |
| 5) D | |
| 6) D | |

Activity 15 – Religious Freedom in Pennsylvania

Part 1 – Matching

- 1) H
- 2) D
- 3) F
- 4) K
- 5) C
- 6) I
- 7) A
- 8) B
- 9) E
- 10) G

Part 2 - Matching

- 1) L,K
- 2) E,C,I, J
- 3) B
- 4) D
- 5) A, F, H

Activity 16 – Conflicts, Clashes, and Chronologies in Colonial Pennsylvania

Column A Date

- | | |
|-------|------|
| 1) 8 | 1755 |
| 2) 4 | 1754 |
| 3) 7 | 1754 |
| 4) 12 | 1763 |
| 5) 11 | 1763 |
| 6) 14 | 1764 |
| 7) 10 | 1758 |
| 8) 13 | 1763 |
| 9) 1 | 1737 |
| 10) 2 | 1753 |
| 11) 9 | 1758 |
| 12) 5 | 1754 |
| 13) 3 | 1754 |
| 14) 6 | 1754 |

Activity 17 – Freefalling toward the American Revolution

The Clock of Events

This activity is a matter of writing in the events at different clock locations.

For example, French and Indian War would be written in at the 12 o’clock time, Intolerable Acts at the 6 o’clock time and the 2nd Continental Congress at 11 o’clock.

Activity 18 – Celebrities in Pennsylvania during the American Revolution

Column A	Column B	Column C
1) H	Bache	housewife
2) K	Chief	not used
3) J	Durham	not used
4) E	Franklin	diplomat
5) I	Hays	housewife
6) D	Morris	financier
7) F	Ross	seamstress
8) L	Salomon	financier
9) A	von Steuben	soldier
10) G	Washington	soldier
	Wayne	soldier
	Wetherill	businessman

Part 3 – Sequence

3
1
5
4
2

Short Answer

- 1) no money, no uniforms, no training,
no flag, no supplies, no army,
no transportation
- 2) boost morale
- 3) disease and infection

Activity 19 – The Emergence of a Democratic Nation

Part 1 - Column A

- 1) E
- 2) I
- 3) F, A
- 4) G
- 5) H
- 6) B
- 7) D

Part 2 – Short Answer

38

Part 3 Sequencing

Column A

5
3
6
1
4
2

Column B

1787
1781
1791
1776
1787
1777

Part 4

- 1) Bill of Rights
- 2) U. S. Constitution
- 3) Articles of Confederation
- 4) U. S. Constitution
- 5) Bill of Rights
- 6) Articles of Confederation

Activity 20 – Conestoga Wagon Problem Solving

- 1) \$1,450 2) 10 years 3) preachers & soldiers 4) \$4.11 5) 20-25 days 6) \$1,500 7) \$1.76 8a) 5 8b) \$150 9) 44 miles
10) 12 11) Answers will vary. Most likely between 12-15 hands

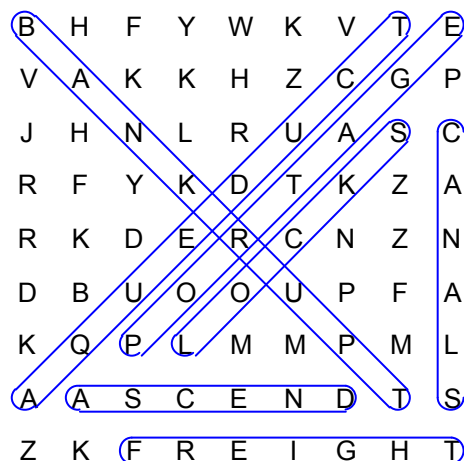
Activity 21 – Pennsylvania's Canals

Part 1 – Map Reading

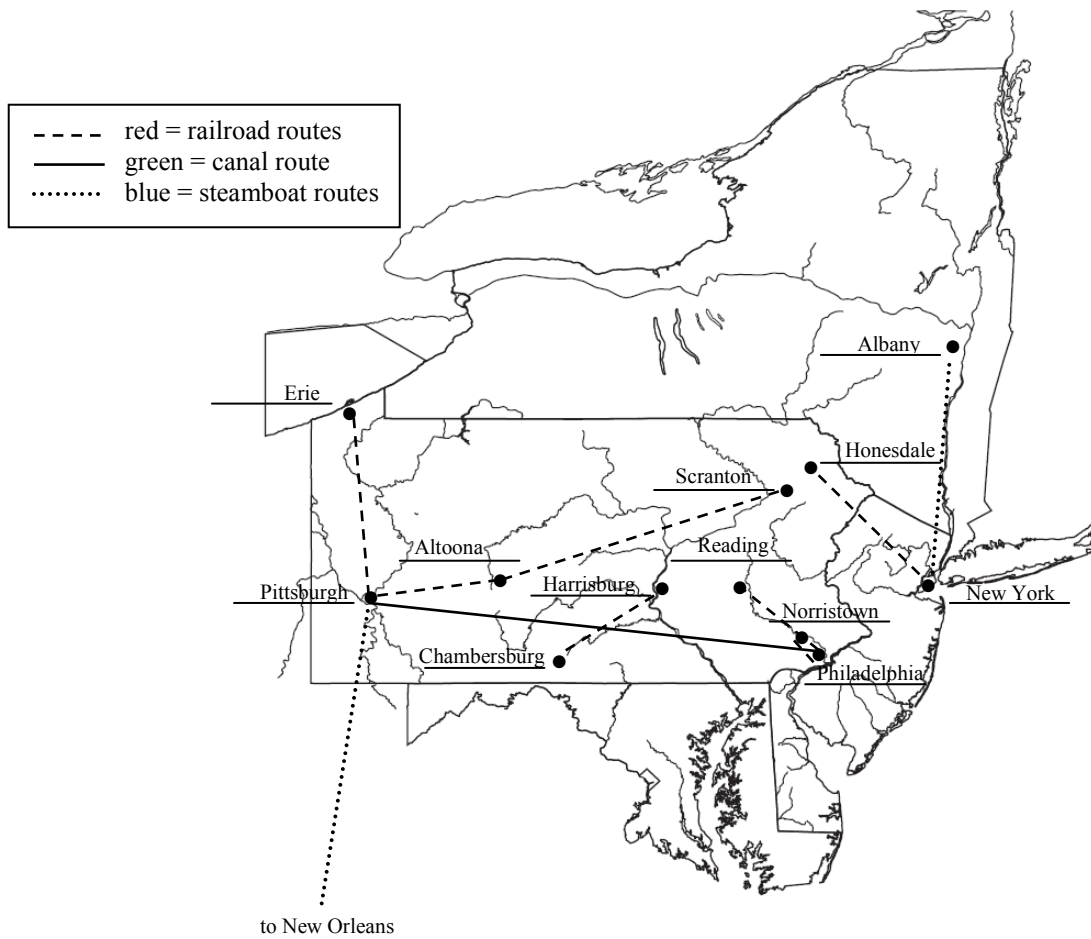
- 1) Allegheny Portage
- 2) Monongahela River
- 3) Schuylkill Canal
- 4) Delaware & Hudson Canal
- 5) Allegheny River
- 6) Lehigh Canal
- 7) Union Canal
- 8) Conestoga Canal
- 9) Pennsylvania & Ohio Canal

Part 2 – Word Search

- 1) aqueduct
- 2) ascend
- 3) bankrupt
- 4) canals
- 5) freight
- 6) portage
- 7) locks



Activity 22 – Let Off Some Steam



Activity 23 – Let’s Iron It Out or Broil the Oil

Word Search Order

- 1) bituminous
- 2) boomtowns
- 3) coke
- 4) derricks
- 5) ingenuity
- 6) iron ore
- 7) kerosene
- 8) petroleum
- 9) refined
- 10) iron smelting

Answers to Questions

- 1) Samuel Kier
- 2) Titusville
- 3) Edwin Drake
- 4) Pittsburgh
- 5) Johnstown and Pittsburgh
- 6) railroad
- 7) salt
- 8) 69 feet
- 9) diarrhea, cholera, piles

Hidden message:
Smelt is also a fish.

Activity 24 – Pennsylvania’s Civil War

Part 1– Map Reading

- 1) Missouri
- 2) Texas
- 3) Virginia
- 4) Michigan
- 5) Florida
- 6) New York
- 7) Delaware
- 8) Pennsylvania
- 9) Maryland
- 10) Ohio

Part 2 – Word Association Match

- 1) H
- 2) I
- 3) E
- 4) F
- 5) D
- 6) L
- 7) K
- 8) J
- 9) not used
- 10) A
- 11) G
- 12) C
- 13) B

Activity 25 – I Abhor Economics

Answers will vary. There are many acceptable answers

Activity 26 – Economics of Goods and Services: Prisecterqua

Column 1

S riding the subway _ter_
 G constructing this book _sec_
 G producing cell phones _sec_
 S bank teller _ter_
 G coal miner _pri_
 S transporting food _ter_
 S collecting tolls _ter_
 S engineer _qua_
 S pilot for airline _qua_
 S baggage handler _ter_
 S driving a taxi _ter_
 S grocery store cashier _ter_
 G making cars _sec_
 S delivering mail _ter_
 S master chef _qua_
 S military commander _qua_

Column 2

S teacher _qua_
 G cattle farmer _pri_
 G raising peaches _pri_
 S TV news reporter _qua_
 S architect designing bridge _qua_
 S snowplowing roads _ter_
 G making MP3 & iPods _sec_
 S electrician _qua_
 S building custodian _ter_
 G factory worker _sec_
 G lumbering forests _pri_
 G building jet planes _sec_
 S car salesperson _ter_
 S hair stylist _ter_
 S governor _qua_
 S marine biologist _qua_

Note: In this era, one could have a college degree and be a cattle rancher. Likewise, people responsible for putting together this book have college degrees and advanced training. I am looking chiefly at the economic sector the good or service represents.

Answers will vary regarding competitive and monopolistic markets.

Activity 27 – Some Huge Businesses

Part 1

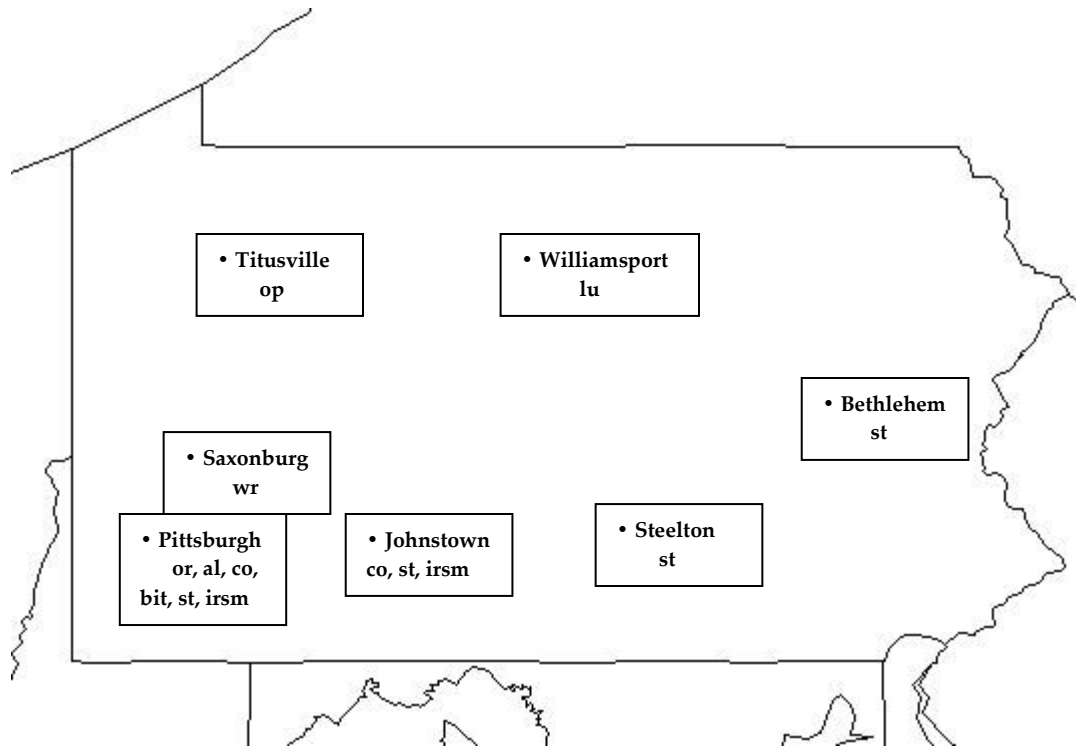
- 1) gravity
- 2) canals
- 3) railroads
- 4) wood, or soft coal
- 5) iron ore
- 6) aluminum
- 7) Westinghouse – mechanical engineer
- 8) Hall - chemist

- 9) Pennsylvania
- 10) Ohio
- 11) New York
- 12) limestone
- 13) sand
- 14) natural gas/cheap fuel
- 15) river system

Part 2 – Word Association Match

- 1) C
- 2) E
- 3) F
- 4) H
- 5) not used
- 6) J
- 7) D, G
- 8) A
- 9) I

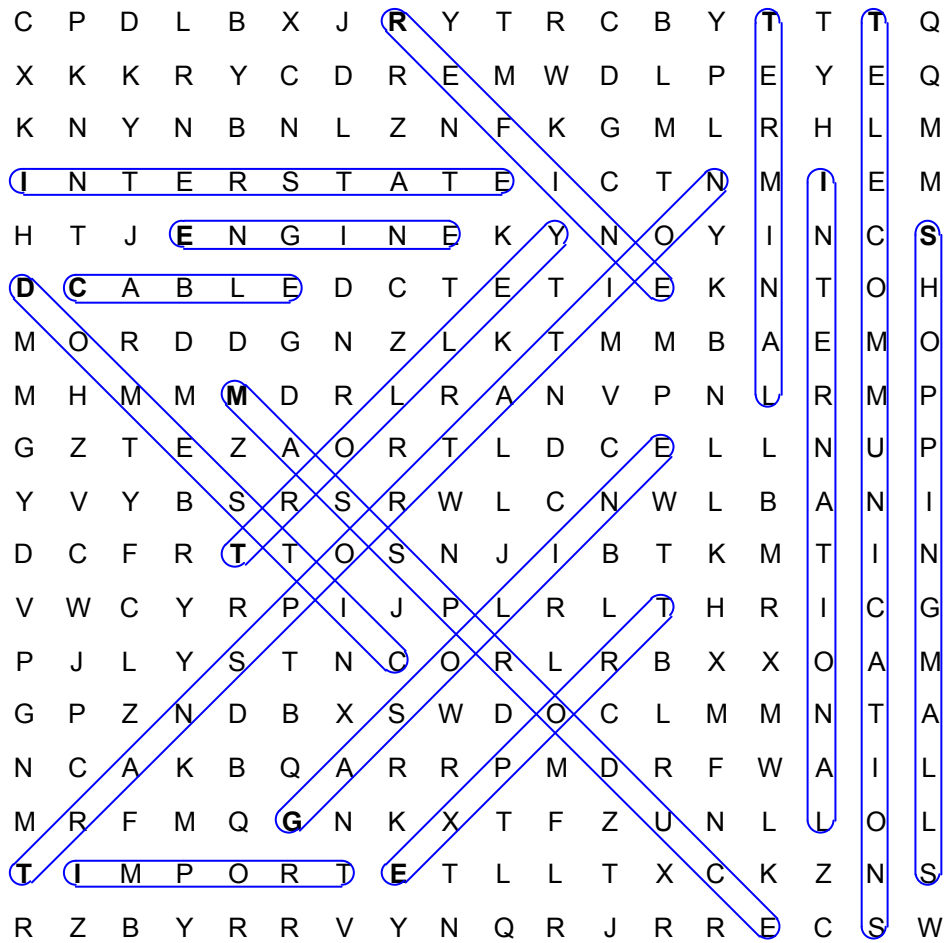
Activity 28 – Products and Locations of Big Businesses



Activity 29 – The Appalling Disaster at Johnstown

- 1) 45 mins. 2) 40 m.p.h 3) 7.33% 4) 2/3rds 5) 17 years 6) 85 tons 7) Answer will vary 8) 1,306,800 sq. ft.
9) 43,560 sq. yds. 10) not much of a future for earthen dams; or, one needs to better maintain earthen dams

Activity 30 – Products and Locations of Big Businesses



Order of Words as
Per Clue
cable car
domestic
engine
exports
gasoline
imports
international
interstate
mass produce
refine
shopping mall
telecommunications
terminal
transportation
trolley

Activity 31 – Types of Governments in the World

Forms of Governments
theocracy = Vatican City; Iran
dictatorship = Cuba; North Korea; Libya
anarchy = Somalia
absolute monarch = Saudi Arabia; Jordan
one-party state = Cuba; China; North Korea
military = Libya; Myanmar; North Korea
constitutional monarch/ = United Kingdom; Tonga; multiparty democracy = Japan; Denmark
presidential republic/ = United States; Turkey; multiparty democracy = India; Iraq; Pakistan; Brazil
dependent territory = Anguilla; Puerto Rico; Greenland

Activity 32 – Branches of Government

- 1) Leg
- 2) Exe
- 3) Exe
- 4) Leg
- 5) Leg
- 6) Jud
- 7) Exe
- 8) Jud
- 9) Jud
- 10) Exe

Activity 33 – Our State Government

- 1) preamble
- 2) President Protempore
- 3) Governor
- 4) Auditor General
- 5) Speaker of the House
- 6) chambers
- 7) Supreme Court
- 8) Lieutenant Governor
- 9) Court of Common Pleas
- 10) checks and balances
- 11) Attorney General
- 12) General Assembly
- 13) Superior Court
- 14) revenue
- 15) district justices
- 16) Commonwealth Court
- 17) 26/102
- 18) 34/136

Activity 34 – Vocabulary of County and Local Government

- 1) mayor
- 2) township
- 3) cities
- 4) citizens
- 5) budget
- 6) charter
- 7) council
- 8) municipalities
- 9) manager
- 10) ordinances
- 11) supervisors
- 12) government
- 13) boroughs
- 14) commissioners
- 15) county seat

answer for 2 words: recreation facilities