Answer Key for *Student Activity Book*
Exploring Pennsylvania: Our Geography, History, Economy, and Government

Activity 1 – Using the Table of Contents

1. yes
2. no
3. yes
4. 167
5. 175
6. 3
7. William Penn
8. Native Americans
9. 178
10. government
11. 28
12. Pittsburgh & Philadelphia
13. 23
14. 2

Activity 2 – Using the Index

1. 99, 102
2. 111-113
3. 35, 38, 133-134
4. 130-131
5. 150
6. 70
7. 78-85
8. 46
9. 103
10. 150
11. 41
12. 98, 154
13. 20
14. 121
15. 15
Answers will vary

Activity 3 – Using the Glossary

1. abolish
2. mouth
3. immigrant
4. cargo
5. trade
6. gravity
7. sea level
8. quarry
9. logo
10. nursery

1. A spit is a sandbar; narrow, sandy land jutting into the water
2. boycott – refuse to buy or use items
3. still, non-flowing water
4. moving, flowing water
5. strike – workers who belong to a union agree to stop working

Activity 4 – Using Cardinal and Intermediate Directions

1. New Jersey (and New York
2. New York
3. Delaware
4. Wyoming
5. Florida
6. south
7. north
8. south
9. south
10. south

1. Lake Erie
2. southeast
3. northwest
4. southwest
5. West Virginia

Activity 5 – Where Can Pennsylvania Be Found?

1. continents
2. political
3. physical
4. location
5. southern
6. physical or natural features
7. chimney
8. western
9. panhandle
10. eastern
11. northern
12. states
13. border
14. surveyors
15. natural features

Activity 6 – Watch Out for These Snakes

1. D
2. Copperhead
3. Timber Rattlesnake
4. Eastern Massasauga
5. mouse
6. hunted
7. snake
8. attack
9. slide
10. red
11. Copperhead
12. rocky ledges, decaying logs, under rocks

1. Answers will vary – leave them alone
2. Answers will vary – for the cool air
3. Answers will vary – be respectful and careful; leave them alone in their environment

Activity 7 – What Are the Physical Features of PA

1. lotic
2. climate
3. population density
4. precipitation
5. lentic
6. drought
7. sea level
8. weather
9. reservoir
10. river systems
11. plateau
12. elevation
13. desert
14. mountain ridge
15. suburbs

Activity 8 – Pennsylvania Mammal Brochure

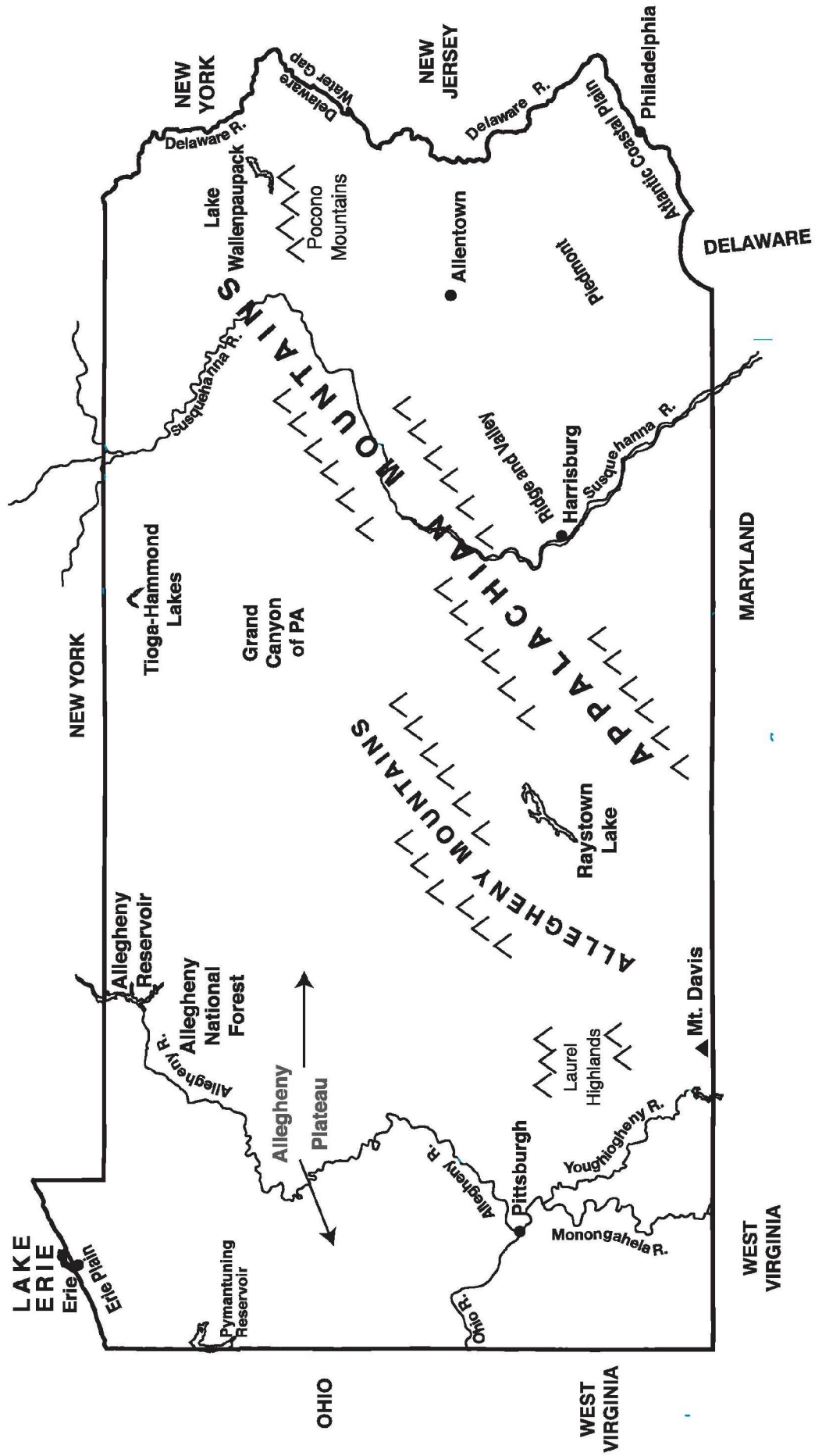Answers will vary – Rubric available for assessment in TG

Activity 9 – Locating and Labeling Political and Physical Features

See separate answer key on next page.

Part 2
1. Lake Erie & Grand Canyon of PA, or Allegheny Nat. Forest
2. Poconos   3. Laurel Highlands & Mt. Davis   4. Allegheny Mtns. & Appalachian Mtns.   5. Lake Erie   6. Pocono Mtns. or Delaware Water Gap   7. Pittsburgh   8. Philadelphia
9. Erie

LAKE ERIE
Erie
Erie Plain

NEW YORK

Delaware R.
NEW YORK

Lake Wallenpaupack

Delaware Water Gap

Pocono Mountains

NEW JERSEY

Delaware R.

Philadelphia

Atlantic Coastal Plain

DELAWARE

Allentown

Piedmont

Susquehanna R.

Tioga-Hammond Lakes

Grand Canyon of PA

APPALACHIAN MOUNTAINS

Ridge and Valley

Harrisburg

Susquehanna R.

MARYLAND

Allegheny Reservoir

Allegheny National Forest

Allegheny R.

Allegheny Plateau

ALLEGHENY MOUNTAINS

Raystown Lake

Mt. Davis

Laurel Highlands

Pittsburgh

Allegheny R.

Youghiogheny R.

Monongahela R.

Ohio R.

Pymantuning Reservoir

OHIO

WEST VIRGINIA

WEST VIRGINIA

Activity 10 – Syllabicating our Vocabulary Words

1. erosion
2. glacier
3. moraine
4. faulting
5. deposits
6. folding
7. weathering
8. gravity

The Shaping Forces			
folding	**faulting**	**glaciers**	**gravity**
Appalachian Mountains	Allegheny Plateau	Great Lakes	Bushkill Falls
Allegheny Plateau		Lake Erie	Ringing Rocks Park
Laurel Highlands		Moraine State Park	
Allegheny Mountains		Pine Creek Gorge	
Mt. Davis		Pocono Mountains	
		Bushkill Falls	

Activity 11 – Our State Symbols

1. Whitetail Deer
2. Hemlock
3. Brook Trout
4. Great Dane
5. Firefly
6. Milk
7. Ruffed Grouse
8. Mountain Laurel
9. horses (also an eagle)

Answers will vary for state symbols for vegetables, fruits, reptiles, and amphibians.

Activity 12 – Classifying Information on the Landform Regions

1. Allegheny Plateau
2. Erie Plain
3. Piedmont
4. Allegheny Plateau
5. Atlantic Coastal Plain
6. Ridge and Valley
7. Erie Plain
8. Ridge and Valley
9. Allegheny Plateau
10. Ridge and Valley
11. Atlantic Coastal Plain
12. Allegheny Plateau
13. Piedmont
14. Erie Plain
15. Atlantic Coastal Plain
16. Piedmont
17. Piedmont (could be R&V)
18. Erie Plain
19. Atlantic Coastal Plain
20. Ridge and Valley

Activity 13 – Identifying the Water Forms of Pennsylvania

1. Beaver
2. Susquehanna R.
3. Monongahela R.
4. Juniata R.
5. Raystown Lake
6. Lake Erie
7. J. H. National Wildlife Refuge
8. West Branch R.
9. Delaware R.
10. Lehigh River
11. Youghiogheny R.
12. Allegheny R.
13. Schuylkill R.
14. Ohio River
15. Lake Erie   (Secret words is reservoir.)
      Delaware River
      Ohio River (could be Allegheny R.)
      Monongahela River

Activity 14 – Pennsylvania Farm Show Products

1. potato doughnuts = $350,000
   baked potatoes = $122,500
   French fries = $ 33,750
            total = $506,250

2. hot dogs = $ 7,000
   chicken nuggets = $ 24,000
   whoopee pies = $ 15,000
   fish sandwich = $ 50,000
   apple dumplings = $ 26,250
            total = $ 122,250

3. grilled cheese = $ 18,000
   milkshakes = $ 490,000
      total = $ 508,000

4. honey ice cream = $ 6,652. 50

5. maple cotton candy = $ 26,668
   maple yogurt = $ 12,495
      total = $39,163

6. pounds of milk   134,400 lbs.

Activity 15 – What Is the Difference between Goods and Services?

Row 1	Row 2	Row 3	Industrial Jobs	Service Jobs
S	G	S	Answers will vary	Answers will vary
S	G	S		
S	G	S		
S	G	G		
S	G	G		
S	S	G		
G	G	S		
G	S	S		

Activity 16 – Vocabulary Words for Our State's Environment

A,1 = recycle
A,2 = toxic wastes
C,1 = hydroelectric

B,1 = strip mining
B,2 = landfills
B,3 = wastewater

C,1 = pollution
C,2 = sewage
C,3 = pesticides

D,1 = treatment plants
D,2 = contaminate
D,3 = preservation

E,1 = acid rain
E,2 = environment
E,3 = nuclear

Missing word from the graph coordinate squares = reclaim

Activity 17 – Native American Tribes in Pennsylvania

What is similar? (Answers will vary)   What is different?
1. location = in PA; Eastern Woodland Indians   Al. lived in eastern PA; Iroq. lived in central and western PA
2. homes = made of forest materials; made by men   Al. lived in wigwams with 3 shapes; Iroq. lived in longhouses
3. transportation = walking; canoes made of wood   Al. built birch bark canoes; Iroq. built elm bark canoes
4. bartering = used wampum and items; no money system   No real differences in bartering
5. language = spoken language but no written language   Al. spoke Algonquin; Iroq. spoke Iroquois language
6. government = lived in clans named after animals;   Al. clans had a council of men from which a chief was selected
    women selected and fired clan leaders and chiefs   Iroq. had a tribal council of men from which a head chief was picked

Activity 18 – The Dream Story Legend

1. C   The main point of this story centers on
2. D   Iroquois dreams and how you provide what
3. B   they dream about if they told you.
4. rude   Answers will vary

Activity 19 – Making Sense Out of Syllables

1. clan	6. contrast	**Word Meaning Match**	
2. historian	7. council	A 8	F. 6
3. govern	8. migration	B. 5	G. 2
4. culture	9. transportation	C. 4	H. 1
5. archeologist	10. language	D. 3	I. 7
	11. estimate	E. 9	

Activity 20 – European Settlers Rush to North America
See the last page .

Activity 21 – What Were William Penn's Dreams

Idea 1 – Answers will vary. Ideas should center on how William Penn was a Quaker. This religious group was not approved of by the King of England. The King did not allow religious freedom.

Idea 2 - Answers will vary. Ideas should center on how William Penn's father loaned the King a large sum of money. After William's father died, the King was unable to repay the money. The colony of Pennsylvania was offered as payment of the loan

Idea 3 - Answers will vary. Ideas should center on how William treated the Native Americans with fairness. He got along well with them and treated them as equals. He paid them for their land.

Idea 4 - Answers will vary. Ideas should center on Penn's laws for his new colony. One was freedom of religion. Another idea was that Penn established a framework whereby people could rule themselves – a model for government.

Activity 22 – Religious Freedom Attracts Immigrants

Part 1   Part 2
1. H	6. I.	1. G, H
2. D	7. A	2. B, C, F, J
3. F	8. B	3. F
4. K	9. E	4. H, I
5. C	10. G	5. A, D, E

Activity 23 – Conflicts and Clashes in Colonial Pennsylvania

Column A	Date	Column A	Date	
1. 7	1755	7. 12	1763	Part 3: Answers will vary.
2. 4	1754	8. 1	1737	
3. 6	1754	9. 2	1753	
4. 11	1763	10. 8	1758	
5. 10	1760	11. 3	1754	Part 2: Answers will vary.
6. 9	1758	12. 5	1754	

Activity 24 – Likenesses and Differences

1. walking/marching	1. airplane transports
2. rode wagons	2. railroads
3. rode horses	3. helicopters
4. traveled by boat	4. humvees/strykers
	5. gliders/parachutes

Styles, Fashions, and Environments
1. ballpoint or felt tip pens, markers, mechanical pencils
2. different glasses
3. differing clothing, hair, and shoe styles
4. electricity and lighting
5. air-conditioning (it was summer)

Activity 25 – Celebrities during the Formation of a New Nation

Part 1   Part 2
1. C	7. B	1. F	5. B
2. D	8. L	2. E	6. A
3. K	9. A	3. H	7. D
4. G	10. I	4. G	8. C
5. J	11. H		
6. F			

Activity 26 – I Declare! Three Awesome Documents

Declaration of Independence	United States Constitution	Bill of Rights
3, 6, 9	1, 4, 10	2, 5, 7, 8
	(could be 8)	

Activity 27 – Conestoga Wagon Problem Solving

1. $1,450	5. 25 days	9. 44 miles
2. preachers and soldiers	6. $3,000	10. 12 wagons
3. 10 years	7. 5 wagons	11. Answers will vary
4. $1.60	8. $150	

Activity 28 – Is It Fact, Fiction, or Opinion?

1. O	6. FN	11. FT
2. FN	7. FN	12. O
3. FT	8. FT	13. FT
4. FN	9. FT	14. FN
5. FN	10. FT	

Part 2 : Answers will vary.

5. O   10. FN   15. FN

Activity 29 – Hiding in the Underground Railroad
See the last page.

Activity 30 – Some Huge Businesses

First		Second
1. textile	11. grind grains	1. I
2. coke	12. Conestoga wagon	2. E
3. sand	13. toll	3. C
4. soft coal	14. Robert Fulton	4. A
5. aluminum		5. F
6. steamboat		6. D
7. submarine		7. J
8. limestone		8. B
9. aqueducts		9. G
10. chamber pots		10. H

Activity 31 - The Horrible Disaster at Johnstown
1. 45 mins.
2. 40 m.p.h.
3. 30,000
4. 27,800
5. two-thirds or 2/3
6. 17 years
7. 85 tons
8. Answers will vary.
9. 1,600
10. They did not build them or no future use

Activity 32 – Our Transportation Systems

before 1750s = packhorse
1750s = Conestoga wagon
1783 = hot air balloon
1787 = steamboat
1804 = first steam engine
        vehicle
1829 = 1st steam locomotive
        on tracks
1834 = canal boat

1885 = 1st motorcycle
1893 = 1st car made in PA
1899 = blimp
1903 = first truck
1903 = first airplane
1907 = subway in Phila.
1935 = 1st trailer truck
1940 = helicopter

Activity 33 – Changing Lifestyles in the 20th & 21st Centuries

cable
competition
engine
international
interstate
pipelines
subway
telecommunications
terminal
trolley

Activity 34 – Tell Me More

1. telegraph	1. soup line
2. telephone	2. fracking
3. phonograph	3. neutral
4. motion pictures	4. global warming
5. radio	5. satellite
6. television	6. depression
7. computer	7. terrorists
8. e-mail	8. investment
9. cell phones	9. hijacked
10. e-readers	10. recession

Activity 35 – Counties, Cities, and Communities

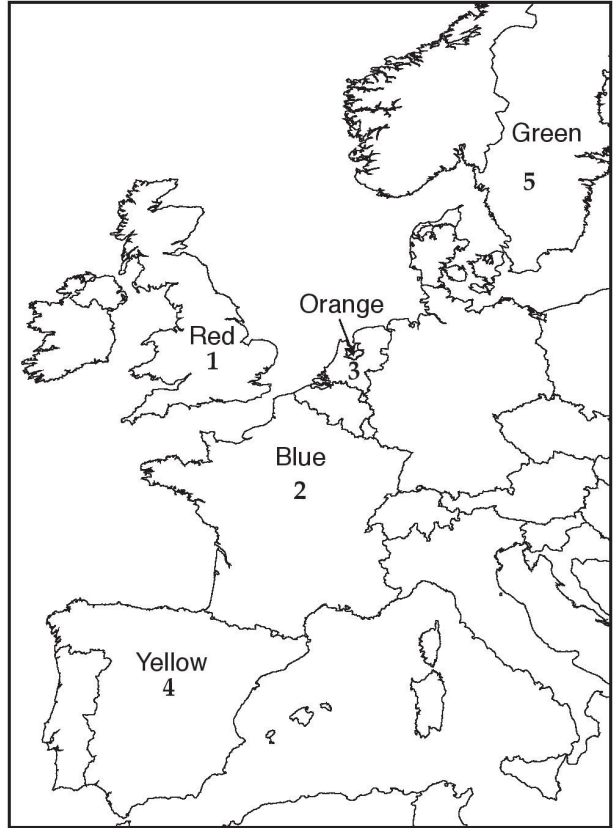|	
A,1 = counties	C,1 = supervisors
A,2 = boroughs	C,2 = jury
A,3 = mayor	C,3 = council
A,4 = taxes	C,4 = rule
B, 1 = ordinances	D,1 = blank
B,2 = cities	D,2 = district justice
B,3 = law	D,3 = county seat
B,4 = townships	D,4 = commissioners

Activity 36 – State Government Terms
1. legislative
2. veto
3. capital
4. Capitol
5. senators
6. representatives
7. balance of power
8. bill
9. executive
10. governor
11. judges

Secret Message is Get Involved

Activity 37 – Tax Me? I'm Just a Kid!
1. $3.00
2. $7.00
3. $156.00
4. $364.00

Activity 20

6 Blue
Black 15
Tan 18
10 Red
Brown 16
Silver 14
12 Orange
9 Green
11 Green
8 Red
17 Purple
Yellow 7
13 Pink

Green 5
Red 1
Orange 3
Blue 2
Yellow 4

Activity 29

N
NW NE
W   E
SW SE
S

⑤ Canada

Lake Ontario

⑭ Oswego, NY

⑮ Rochester, NY

④ Buffalo, NY

Albany ⑬

Lake Erie

③

Erie

⑫ Williamsport

New York City

Lancaster

⑪

② Pittsburgh

York

⑩ Trenton

Gettysburg ⑥ ⑦ ⑧

⑨ Philadelphia

Washington ①