

COOPERATION

Week 5

Midwest

Cooperation

Working well together.

Objectives

Cooperation States and Regions Week 5

General Objectives

- To practice character trait of cooperation within the family
- To learn the history and geography of the Midwest Region

Specific Objectives

- To learn the capital of each Midwest state
- To study prairie grasses and the bison and the Great Plains
- To research the battles of Little Bighorn and Wounded Knee
- To sculpt a replica of Mount Rushmore
- To research/trace the route of the Lewis and Clark expedition
- To trace the route of the Oregon Trail
- To research Midwest people like Wild Bill Hickock, Buffalo Bill, Annie Oakley, Calamity Jane, Sitting Bull, Crazy Horse
- To dramatize the Pony Express on bicycles
- To learn why the Midwest is called the "Nation's Breadbasket"
- To learn about wheat and make pancakes
- To study corn, make cornbread and cornhusk dolls
- To learn about the causes of the Dust Bowl
- To study about farm machinery and visit a farm store
- To write a report on the life of Buffalo Bill Cody

Alert

Cooperation States and Regions Week 5

Week 8

Pine cones

Week 9

Colored (dyed) sand for sand painting

Week 12

Continue collecting costumes from each region for the "Hats Across America" play.

See cast (p. 142b)

Weekly Supplies

Cooperation States and Regions Week 5

- US map 113 (p.119)
- Clay and sculpting tools 114 (p.119)
- Bicycles, donuts, mail pouch, Pony Express costume 120 (p.120)
- Ingredients for wheat pancakes 129 (p.120)
- Corn husk doll supplies: string, scissors, bucket of water, bags of cornhusks from grocery store or craft store 123 (p.120)
- Ingredients for cornbread or Jiffy Mix 122 (p.120)
- Sandbox 136 (p.121)

Bible Verse

Cooperation States and Regions Week 5

But now there are many members, but one body. And the eye cannot say to the hand, "I have no need of you"; or again the head to the feet, "I have no need of you."

1Cor 12:20-21

Focus Books

Cooperation States and Regions Week 5

A Tractor and farming books (corn and wheat)

Biographies

Frontier Fort on the Oregon Trail by Scott Steedman and Mark Bergin

Mississippi Mud: Three Prairie Journals by Anne Turner

The Pony Express: Cornerstone of Freedom by Peter Anocrson

The Story of the Pony Express: Cornerstone of Freedom Series
by Conrad Stein

They're Off! The Story of the Pony Express by Cheryl Harness

O-M Sod-House Winter by Clara Ingram Judson

Corn Farm-Boy by Lois Lenski

The Cabin Faced West by Jean Fritz

Y Buffalo and Indians on the Great Plains by Noel Grisham

Dakota Dugout by Ann Turner

Riding the Pony Express by Robert Clyde Bulla

Buffalo Bill and the Pony Express by Eleanor Coerr

Art/Music

Cooperation States and Regions Week 5

American Gothic painting

https://honorsushistory.wikispaces.com/file/view/1928_Grant_Wood_American_Gothic-wR400.jpg

Home on the Range

http://www.youtube.com/watch?v=t3reqcuL_SU&feature=related (Chipmunks)

Please Mr. Custer by Larry Verne

<http://www.youtube.com/watch?v=bpAX7ktnQ&feature=related> (Very Cute!)

Websites

Cooperation States and Regions Week 5

- <http://www.youtube.com/watch?v=1dq8IXWHJnw> (Mount Rushmore video)
- <http://images.google.com/images?hl=en&um=1&q=MOUNT+RUSHMORE&sa=N&start=40&ndsp=20> (Mount Rushmore photos)
- <http://www.youtube.com/watch?v=ZV9AZgo2t1k> (Bison life)
- <http://www.youtube.com/watch?v=IHfUB9qTfu4&feature=related> (5 Part Series of Battle of Bighorn)
- <http://www.youtube.com/watch?v=yvD7tW-IjtA> (John Deere train)
- <http://www.youtube.com/watch?v=OEBPWLpAXiM> (Pony Express)

Video/DVD

Cooperation States and Regions Week 5

Calamity Jane with Doris Day and Howard Keel

Annie Get Your Gun - musical about Annie Oakley

Annie Oakley with Barbara Stanwyck

Annie Oakley TV series

American Experience: Buffalo Bill by PBS

Hats Across America - Jessica Hulcy director (Wade will post to website)

Creating the Balance - Short Days from KONOS (Cute kids!)

Writing Assignment

Cooperation States and Regions Week 5

Y-M-O 101 (p.118) Write a report about the life of Buffalo Bill Cody.

Writing Tip

Cooperation States and Regions Week 5

Y-M-O (same as whaling and car paper)

- Begin by creating boxes for each paragraph by picking most interesting facts:
 - Early life and father's story
 - Gold fever, Pony Express rider, stage coach driver
 - Army scout and buffalo hunter
 - Wild West Show in America
 - Wild West Show in Europe
 - Rancher, conservationist
- Combine lesser like facts into one paragraph.
- Next, group words into each box.
- Next, order the words.
- Finally, begin to write sentences for each word explaining the process.
- Younger children pick 2-3 points about his life

Vocabulary

Cooperation States and Regions Week 5

Great Plains

Buffalo

Bison

Mammal

Buffalo nickel

Endangered species

Protected

Badlands

Arid

Sparse

Erosion

Canyon, gully, ravine

Sedimentary

Fossil

Prairie dog

Pronghorn antelope

Indians

Sioux

Ghost Dance

Treaty

Reservation

Massacre

Blue breast/Indian police

Sun Dance

Cavalry

Oregon Trail

Prairie schooners or covered wagons

Circle wagons

Oxen yoke

Sod house or dugout

Perennial

Vocabulary (Cont'd 2)

Cooperation States and Regions Week 5

Wheat

Endosperm

Bran

Germ

Gluten

protein

Knead

Bleached

Unbleached

Semolina

Durum wheat

Couscous

Corn

Ear

Husk

Kernels=fruit

Tassels=male flower

Silks=female flower

Pollen=male seed

Dent

Cob

Shucked = remove husk

Shelled = cut off kernel

Corn crib

Combine

Timeline Characters

Cooperation States and Regions Week 5

Merriweather Lewis

William Clark

Sacajawea

Crazy Horse

Sitting Bull

Gen. George Custer

Annie Oakley

Wild Bill Hickok

Buffalo Bill Cody

Calamity Jane

Gutzon Borglum

John Deere

Map Study

Cooperation States and Regions Week 5

Great Plains

Sacramento, CA

Portland, OR

South Dakota

Landmarks:

Mt. Rushmore

Wounded Knee

Massacre

Montana

Landmarks:

Little Bighorn Battle

Missouri

Cities:

St. Louis

Independence

St. Joseph

Rivers:

Mississippi

Missouri

Landmarks:

Gateway Arch

Lewis & Clark Expedition

Oregon Trail route

Pony Express route

States and Capital of the Midwest

Cooperation States and Regions Week 5

North Dakota, Bismarck

South Dakota, Pierre

Nebraska, Lincoln

Iowa, Des Moines

Missouri, Springfield

Kansas, Topeka

Montana, Helena (not Hannah!)

Activities

Cooperation States and Regions Week 5

Monday: Landmarks and History

113 (p. 119) Find Midwest landmarks on the US map.

Research the grass of the Great Plains.

143 (p. 141) Research buffalo.

Read about Buffalo Bill Cody.

Read about sod houses and how they were made.

Read about Crazy Horse, Sitting Bull and General Custer and mark the battle site of Little Bighorn.

114 (p. 119) Sculpt a replica of Mt. Rushmore.

Grass of the Plains

Cooperation States and Regions Week 5

- Grasslands are places where there aren't many trees and grass is the main plant; a sea of grass
- In N. Amer. Grasslands called prairies or Great Plains
- Great Plains from Canada to central TX; From Mississippi R. to foot of Rocky Mt.
- 300 kinds of grass grow on Great Plains:
 - Tall grass - along Mississippi River; grew 8 ft.; needs most water; almost all gone today
 - Midgrass - between short and tall; grows 2-4 ft.; needs medium water; only 1/3 survives today
 - Short grass - at base of Rock Mt.; grows 2 ft.; grows in driest; 1/2 left today; used to raise cattle

Grass of the Plains (Cont'd 2)

Cooperation States and Regions Week 5

- **Characteristics of grass:**
 - Tough - crush, bury, burn, and still survive
 - Flexible - hollow stem allows bend; side closest to earth begins to grow more and faster to lift up crushed stem
 - Retains moisture - groove which protect their breathing holes
 - Grow from the base not tip - allows animals to graze
 - Perennial - plants die back every winter, but kept alive from year to year by main growing part, underground root system
 - Deep roots - longer than grass is tall; 2/3 of prairie grass are roots; 4 ft. - 30 ft. roots; anchors grasses and keeps from being uprooted and blown away.
 - Deter erosion - keep soil from blowing away.
- **Used for sod houses - sod held together w/ roots**
- **Enemy of grass is farm plow**
- **Friend is fire and prairie dog**

Buffalo

Cooperation States and Regions Week 5

- American Bison is true name
- Largest mammal in America
- 60 to 100,000,000 in number in 1800s
- Bison hides shipped east for clothing and drive belts for machinery
- Hunting companies killed 2,000 to 100,000 bison per day
- Army approved killing to remove Indians food source
- Indians used every part of the bison:
 - Meat - food
 - Sinew (guts) - bow strings
 - Hide - Teepee; cooking paunch; boat
 - Fur - Winter coats; bedding
 - Hair - Ropes, belts
 - Hooves - Glue
 - Bones - Tools
 - Horn - Powder horn, cup, handle
 - Bladder - water bottle
 - Tail - Fly swatter
- 1874 less than 100 bison were left
- Today 350,000 bison protected



Little Bighorn/Custer's Last Stand

Cooperation States and Regions Week 5

- Gold found in Sioux territory; Sioux told to get back to reservation
- US tried to buy territory, but Sioux refused under leader, Sitting Bull
- General Custer's 7th Cavalry Regiment sent to locate Sioux; strip down to just horses
- Sitting Bull does Sun Dance and has vision
- Find Sioux camp of 2,000 at Little Bighorn River in eastern MT Territory; attack June 26, 1876
- Custer makes tactical error of dividing forces and other two divisions don't come to his aid
- Crazy Horse lead 900-1800 Indian warriors
- All Custer's 210 division killed; Custer was shot in head and chest; Indians take spoils against Sitting Bull's direction



Wounded Knee

Cooperation States and Regions Week 5

- 1890 New religion from holy man Wovoka in Nevada; claimed seeing vision; if Indians lived in harmony, shunned white man's alcohol, prayed, danced Ghost Dance one might briefly die; glimpse new world.
- New world... earth would perish, come alive again with prairie grass and large buffalo herds; be inherited by the Indians, including risen dead; no suffering forever.
- Sioux mystics chose to disregard Wovoka's anti-violence vision and use Ghost Dance to whip Indians up against whites claiming white Ghost Dance Shirts protect against white man's bullets.
- Soldiers alarmed at Ghost Dance frenzy banned Ghost Dance on Sioux reservations Dec. 1890.
- Dancers send word to Sitting Bull to join them; before he could leave ND reservation, he was arrested by Indian police and killed in scuffle.

Wounded Knee (Cont'd 2)

Cooperation States and Regions Week 5

- Big Foot and followers left to join Red Cloud.
- 7th Cavalry survivors of Little Bighorn, sent to arrest Big Foot in Badlands; caught up with him.
- 120 Indian braves offered no resistance, because of 230 women/children; Big Foot in wagon w/ pneumonia.
- 500 soldiers ordered Indians to camp at Wounded Knee Creek; placed 4 cannons around camp.
- Morning, Dec. 29, 1890 soldiers entered camp demanded all Indian firearms; deaf Indian scuffled and discharged gun; massacre for about an hr. kills 150 and 50 wounded; Indians were chased, murdered, left to die in snow.
- Army casualties were 25 killed and 39 wounded.
- Last major battle with Indians.

Badlands

Cooperation States and Regions Week 5

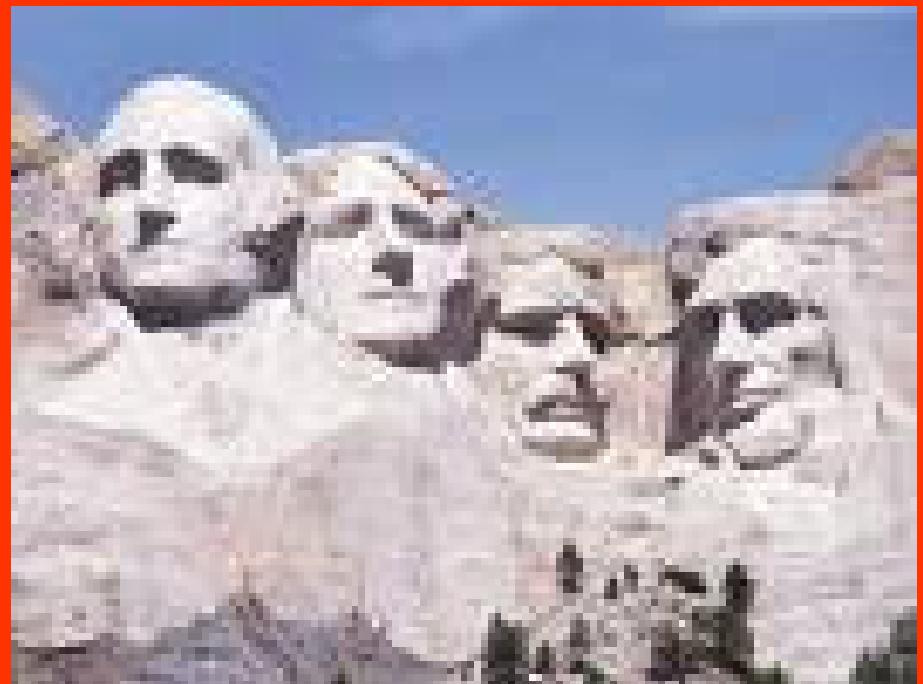
- Areas in MT, ND, and SD characterized by:
 - Arid
 - Sparse plants
 - Eroded sedimentary rock by water and wind
 - Canyon, gullies, ravines
 - Spectacular color bands of rock
 - Many fossils 700
- Occur many places in world, but Badlands refers to SD
- Named by Sioux *mako* meaning "land bad"; no hunting
- Surrounded by prairie with animals:
 - Buffalo
 - Prairie dog
 - Mule deer
 - Pronghorn antelope
 - Grouse
 - Meadowlark

Mount Rushmore

Cooperation States and Regions Week 5

"The purpose of the memorial is to communicate the founding, expansion, preservation, and unification of the United States with colossal statues of Washington, Jefferson, Lincoln, and Theodore Roosevelt."

Gutzon Borglum



Mount Rushmore (cont'd 2)

Cooperation States and Regions Week 5

- Monument near Keystone, SD
- Granite sculpture by Gutzon Borglum
- 60-foot sculptures of the heads of four great US presidents carved into a mountain of granite
 - Washington
 - Jefferson
 - Lincoln
 - T. Roosevelt
- Project took 14 years
- 400 workers
- 2 million visitors see Mount Rushmore each year

Activities (Cont'd 2)

Cooperation States and Regions Week 5

Tuesday: Lewis and Clark, Oregon Trail

115 (p.119) Read about Lewis, Clark, and Sacajawea.

113 (p.119) Research and mark the Lewis and Clark Expedition on your map.

113 (p.119) Research and mark the Oregon Trail on your map.

116 (p.119) Discuss covered wagons.

115 (p.119) Read about Annie Oakley, Wild Bill Hickok and Calamity Jane.

117 (p. 119) Sing "Home on the Range."

Lewis and Clark Expedition

Cooperation States and Regions Week 5

- Louisiana Purchase bought from FR; \$15 million; doubled US
- Jefferson asked young VA captain, Merriweather Lewis (28) to explore the new territory and report back.
- Lewis asked Wm. Clark to co-command "Corps of Discovery"
- 30 men, a keel boat and several row boats.
- Clark manned boat tiller; Lewis walked along river bank.
- Sailed up Missouri River, the 2nd longest river in America
- 1st to see the Grizzly Bear.
- Used Indian guides to lead them; were fearful of Sioux.
- Held Pow-Wow w/ 4 Sioux chiefs who wanted whiskey, tobacco, guns; refused and gave medals from Jefferson instead.
- Sioux held Clark's row boat at shore; Lewis' men aimed rifles at Sioux; Indians knew bows were no match; let row boat return to the bigger boat.

Lewis and Clark Expedition 2

Cooperation States and Regions Week 5

- White guide brought teenage wife; bought her from a tribe who stole her from the Shoshone tribe.
- She served as knowledgeable guide/interpreter in CO.
- Expedition met w/ Shoshone Chief to purchase horses; chief refused until Sacajawea arrived and ran to the chief, screaming his name; he was her brother!!
- He sold them horses; they went into Oregon territory. Old Indian saying, "It is not what you know but who you know!"
- Nearly died from exhaustion and lack of food crossing the peaks of the Rocky Mountains, but finally came upon a valley rich with game.
- Nov. 1805, fog lifted; they saw the Pacific Ocean.
- They had been on the most demanding, yet enthralling expedition in American history.

Oregon Trail

Cooperation States and Regions Week 5

- In 1843 pioneers began to follow Lewis and Clark crossing Great Plains headed for OR on Oregon Trail which ran from Independence, MO to Portland, OR or south to Sacramento, CA following Platte River and Snake River and US Forts along the route
- Travelled in covered wagons known as prairie schooners pulled by yoked team oxen; not Conestoga wagons, but Yankee wagons; lighter/stronger; out of oak; \$200; advised double canvas soaked in linseed oil to water proof and good wheels; no brakes or springs
- 12 mi. a day; grueling 2,000 mi. journey; 4-6 mo.
- Wagon trains usually included several 100 families
- Circle wagons at night and when attacked
- Picked up buffalo chips to use as firewood

Gateway Arch

Cooperation States and Regions Week 5

- Tallest national monument at 630' in St. Louis, MO.
- Representing the gateway to west.
- Built in 2-1/2 years 1963-1965 with 2 sides going up at the same time and meeting at the top.
- 1/64th" margin of error; survey at night to avoid distortion of sun.
- Steel skeleton; reinforced w/ concrete; stainless steel skin.
- Bases 630' apart which is same as height; 63 stories tall and wide.
- Tram goes to top; windows allow visitors to see out.



Activities (Cont'd 3)

Cooperation States and Regions Week 5

Wednesday: Wheat

- 126 (p.120) Discuss why the Midwest is called the Nation's Breadbasket.
- 127 (p.120) Estimate how much wheat you eat every week.
- 129 (p.120) Make wheat pancakes.
- 130 (p.121) Research US export of wheat.
- 119 (p.120) Study the Pony Express.
- 120 (p.120) Dramatize the Pony Express riders.

Wheat

Cooperation States and Regions Week 5

- 2nd most grown grass for its grain in world behind #1 maize and ahead of #3 rice
- More foods made w/ wheat than any other cereal
- KS largest wheat producer; ND close second
- 6 classes of wheat:
 - Hard Red Winter and Soft Red Winter
 - Hard Red Spring
 - Durum
 - Hard White and Soft White
- Uses include:
 - Flour for:
 - ❖ bread/cereals
 - ❖ cookies/cakes
 - ❖ pastas/noodles
 - ❖ couscous
 - Fermented grain for:
 - ❖ beer
 - ❖ alcohol/vodka
 - Biofuel
 - Straw for:
 - ❖ fodder and thatch

Wheat (Cont'd 2)

Cooperation States and Regions Week 5

- **Parts of the kernel/wheatberry/grain/seed:**

- Endosperm - center and 83% of kernel; contains most protein, carbs, iron, vit. B; contains gluten which is protein + starch that gives kneaded bread dough elasticity and helps to rise
- Bran - covers endosperm; contains fiber; not in white flour
- Germ - the embryo or sprouting section of the seed; often separated from flour in milling, because it limits flour's shelf-life due to 10% fat

- **Kinds of flour:**

- All-Purpose Flour - finely ground endosperm of hard wheat; good for all baking breads and pastries.
 - ❖ Enriched all-purpose flour has iron/B-vitamins added
 - ❖ Bleached all-purpose flour uses chlorine gas to whiten; does not leave harmful residues or destroy nutrients
 - ❖ Unbleached all-purpose flour bleached by oxygen in air; off-white color; nutritionally = to bleached

Wheat (Cont'd 3)

Cooperation States and Regions Week 5

- Bread Flour - from endosperm; greater gluten strength than all-purpose; used for yeast breads.
- Self-Rising Flour - all-purpose flour + salt and baking powder
- Cake Flour - from soft wheat; used for cakes, cookies, crackers and pastries; low protein and gluten.
- Semolina - coarsely ground endosperm of durum wheat; high in protein; used for macaroni, spaghetti, couscous
- Durum Flour - by-product of semolina; used for noodles
- Whole Wheat Flour - containing bran, germ, endosperm; bran reduces the gluten development making products heavier and denser than white flour products

Pony Express

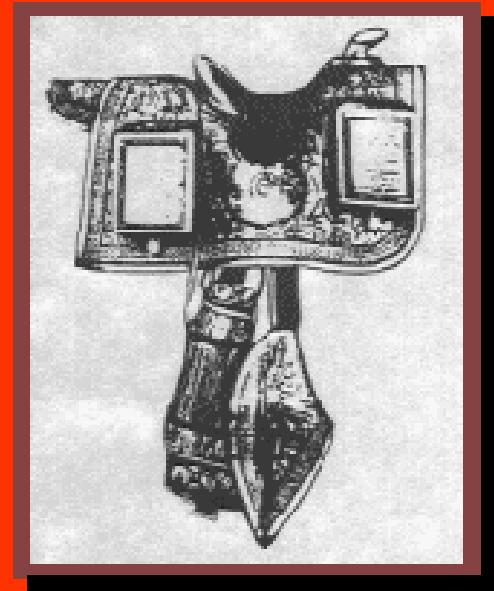
Cooperation States and Regions Week 5

- 1860 east and west united for $1\frac{1}{2}$ years by Pony Express carrying mail from St. Joseph, MO to Sacramento, CA using "Young, skinny, wiry, fellows not over 18; must be expert riders willing to risk death daily; orphans preferred; wages \$25 week."
- Stagecoach took 3 weeks; Express took 10 days w/ 8 riders and 500 horses covering 1,966 mi.
- Mail carried in *mochila* which was covering of leather, thrown over the saddle allowing saddle seat and horn projected through holes cut in *mochila*; attached to *mochila* were 4 locked boxes of hard leather which contained the mail.
- Rode ponies at a gallop; changed horses every 15 mi. at one of 80 relay station; boys rode 75 to 100 mi. night and day changing horse w/o ever stopping.³⁷

Pony Express

Cooperation States and Regions Week 5

- At 1 station biscuits w/ holes in the middle like doughnuts for riders to spear as changed mount in 2 minutes
- Limit 165 lbs. for horse to carry:
 - Rider limited 125 lbs.
 - *Mochila* with mail limited 25 lbs.
 - Carried:
 - ❖ 2 guns
 - ❖ canteen
 - ❖ knife
 - ❖ horn to alert approach to a station
 - ❖ Bible
- 2 *mochilas* sent everyday, 1 from east to west; 1 from west to east; 2 riders passed each other every day.
- Most famous Pony Express rider was Buffalo Bill Cody
- 1861 telegraph replaced Pony Express



Activities (Cont'd 4)

Cooperation States and Regions Week 5

Thursday: Corn, Dust Bowl, *American Gothic*

121 (p.120) Learn about different uses for corn.

122 (p.120) Make cornbread.

123 (p.120) Make a corn husk doll.

136 (p.121) Read about and demonstrate contour farming in your sandbox.

139 (p.121) Research the Dust Bowl.

140 (p.121) Discuss Midwest stereotypes; discuss painting *American Gothic* by Grant Woods.

Corn Facts

Cooperation States and Regions Week 5

- In the US, corn production is 2 times more than any other crop
- Iowa is #1 corn producer for last 15 years
- Over 55% of Iowa's corn goes to foreign markets; rest used in other parts of the United States
- Must-see, excellent, all-you-need-to-know, animated, corn, kid-video:

<http://urbanext.illinois.edu/corn/>

Corn Husk Doll

Cooperation States and Regions Week 5

- <http://www.teachersfirst.com/summer/cohushk.htm>

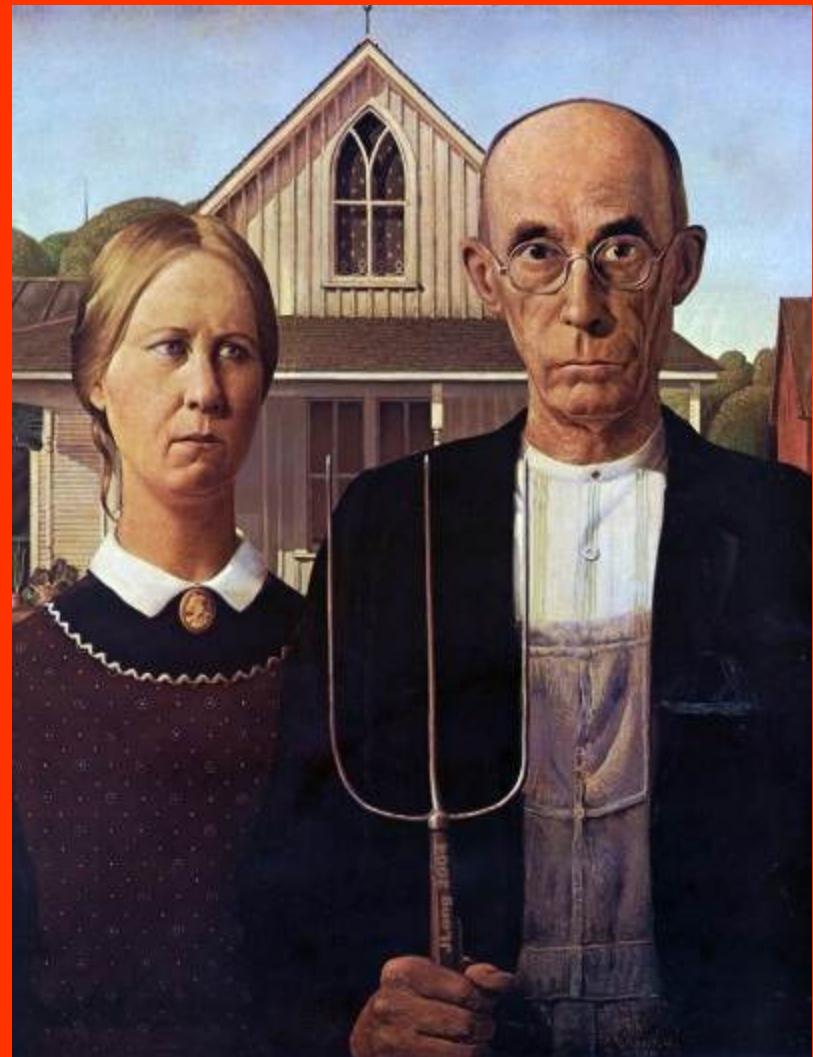
12.



American Gothic

Cooperation States and Regions Week 5

- **Symmetry** gives orderly tone
- **Plain** without frills clothing and home
- **Serious/reserved** expressions
- **Workers/tending to chores** with pitch fork
- **Tidy, clean, cared for** home and clothing
- **Traditional** clothing of overalls and broach
- **Religious** with Gothic window



Activities (Cont'd 5)

Cooperation States and Regions Week 5

Friday: Football, John Deere

141 (p.121) Learn about Midwest's football teams and traditions.

134 (p.121) Visit a John Deere or tractor supply store.

Continue singing capital songs.

Sing Home on the Range

Sing Please Mr. Custer

John Deere

Cooperation States and Regions Week 5

- Deere was a blacksmith who invented a steel plow in 1837; many farmers refused to use because were told steel would ruin the soil.
- Deere used polished steel to cut through the sticky, clay soils of the Midwest.
- Failed at making tractors in 1912.
- Purchased Waterloo Boy Tractor Co. in 1918; largest tractor farm equip. manufacturer in the world today.



Midwest Sports Fanatics

Cooperation States and Regions Week 5

Many otherwise sane Midwesterners live and die by college football and basketball teams each season.

- Nebraska Cornhusker - football; recent vote earned the 1995 team "Best College Football Team Ever"
- Kansas Jayhawks - basketball
- Iowa Hawkeyes - football
- Mizzuo Tigers - football

Permission Slip

Permission Coupon

Free pass to skip one activity
or other assignment

(Feel free to copy as often as needed)

Permission Coupon

Free pass to skip one activity
or other assignment

(Feel free to copy as often as needed)

Permission Coupon

Free pass to skip one activity
or other assignment

(Feel free to copy as often as needed)

Permission Coupon

Free pass to skip one activity
or other assignment

(Feel free to copy as often as needed)

Field Trips

Cooperation States and Regions Week 5

- Visit tractor/farm equipment store

Suggestions for Dad

Cooperation States and Regions Week 5

- Take the family to a farm implement store.
- Join in on a Pony Express ride where the *mochila* never slows down.
- Teach the Scriptures to your children about the different parts of the body and the value God puts on each person and their unique gifts.
- Help your children identify their personal gifts and explain to them how special that gift is and how God can use that gift for Kingdom building.

Focus of the Week

Cooperation States and Regions Week 5

- Practicing the character trait of cooperation within the family
- Learning the history and geography of the Midwest Region
- Learning the capital of each Midwest state
- Studying about prairie grasses and the bison and Great Plains
- Researching the battles of Little Bighorn and Wounded Knee
- Sculpting a replica of Mount Rushmore
- Researching and tracing the route of Lewis and Clark expedition
- Tracing the route of the Oregon Trail
- Researching some famous people of the Midwest like Wild Bill Hickock, Buffalo Bill, Annie Oakley, Calamity Jane, Sitting Bull and Crazy Horse
- Dramatizing the Pony Express on bicycles
- Learning why the Midwest is called the "Nation's Breadbasket"
- Learning about wheat and making pancakes
- Studying corn, make cornbread and cornhusk dolls
- Learning about the causes of the Dust Bowl
- Studying about farm machinery and visiting a farm store
- Writing a report on Buffalo Bill Cody

Copyright

- The information contained herein is for the use of the KONOS Co-op members and their families.
- Sharing this information with other families, groups, or on the world wide web without express permission of the staff at Homeschool Mentor is prohibited.

Thanks,
Wade and Jessica Hulcy