NEWSPAPERS IN EDUCATION
THE OKLAHOMAN

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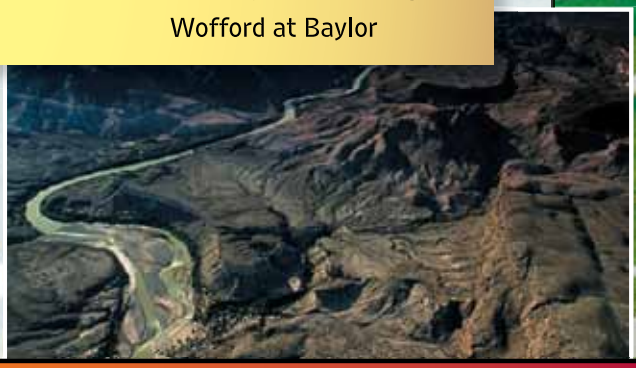
TEACHER'S GUIDE
2013

WEEK 1 GAMES

Annie Elsberry, OKAGE Teacher Consultant,
Pawhuska Elementary School, Pawhuska, OK

GAME SCHEDULE

Northern Iowa at Iowa State	Okla State vs MS State (in Houston)	Texas Tech at SMU
North Dakota State at Kansas State	TCU vs LSU (in Dallas)	William & Mary at West Virginia
La-Monroe at Oklahoma	New Mexico State at Texas	Wofford at Baylor



1. The opponent of one of the Big 12 teams playing this week is from a state that borders Canada. Which state is it? When was the border between the U.S. and Canada established and what determined the border?

2. The College of William & Mary football team and their fans will visit West Virginia University this weekend. William & Mary is the second oldest college in the United States. Three of the nation's early presidents were students here. Where is William & Mary located? Name these three leaders.

3. The Rio Grande River flows west of Las Cruces, the home of the New Mexico State Aggies, the Texas Longhorns' opponent this week. Where is the source of the Rio Grande and where is its mouth? What has happened to the flow of the river at its mouth?

4. Iowa State University and the University of Northern Iowa will play Saturday in Ames, which is located on Interstate Highway 35. In what other cities along Interstate 35 will Big 12 football games be played this week?

5. The Baylor Bears and the Wofford Terriers meet on the football field in Waco this week. Both colleges are private institutions founded by religious leaders. With what denomination is each school affiliated and when were they founded?

OVERTIME ACTIVITY

This week Oklahoma State and Mississippi State will be playing in Houston, Texas. According to the 2010 U.S. Census, Houston has the fourth largest population among U.S. cities. Using the Internet or an almanac, list in order the ten largest U.S. cities by population. In 2010, what was the population difference between the largest city and the tenth largest? What other Big 12 game this week will be played in one of the nation's ten largest cities?

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WEEK 1 ANSWERS: AUGUST 26 – SEPTEMBER 1

1. Kansas State's opponent is North Dakota State University, located in one of the nine U.S. states which share land borders with Canada. The Convention of 1818 between the U.S. and the United Kingdom set the 49th parallel as the border between U.S. territory (part of which became North Dakota) and British North America (later Canada), from Lake Superior west to the Rocky Mountains.

SOURCE: http://history.state.gov/milestones/1801-1829/Ruch-Bagot

2. William & Mary is located in Williamsburg, Virginia. George Washington, Thomas Jefferson, and James Madison (the first, third, and fourth U.S. presidents) attended college here.

SOURCE: http://www.wm.edu/about/history/

3. The source of the Rio Grande River is in the San Juan Mountains in Colorado, and the mouth is at the Gulf of Mexico between Brownsville, Texas, and Matamoros, Mexico. At its mouth, the flow of the Rio Grande has been "reduced to a trickle" due to drought and water use upstream.

SOURCE: http://www.encyclopedia.com/topic/Rio_Grande_(US_river).aspx

4. The other games and cities along I-35 are Southern Methodist University/Texas Tech in Dallas, OU/University of Louisiana-Monroe in Norman, Texas/New Mexico State in Austin, and Texas Christian University/Louisiana State University in Arlington.

SOURCE: http://goo.gl/maps/mxe6b

5. Baylor University, founded in 1845, is affiliated with the Baptist General Convention of Texas. Wofford College, affiliated with the United Methodist Church, held its first classes in 1854.

SOURCES:

http://www.wofford.edu/about/fastfacts/

http://www.baylor.edu/about/index.php?id=88778

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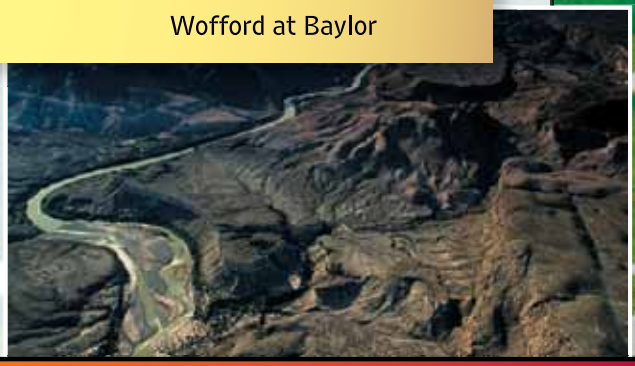

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WEEK 1 ANSWERS (continued): AUGUST 26 – SEPTEMBER 1

http://www.sbc.net/colleges.asp

OVERTIME ANSWER:

The largest city in the U.S. is New York City. It is followed by Los Angeles, California; Chicago, Illinois; Houston, Texas; Philadelphia, Pennsylvania; Phoenix, Arizona; San Antonio, Texas; San Diego, California; Dallas, Texas; and San Jose, California. The population difference in 2010 between New York City (8,175,133) and San Jose, California (945,942) was 7,229,191 people.

The SMU-Texas Tech game will be played in Dallas, the ninth largest U.S. city.

SOURCE: http://www.infoplease.com/ipa/A0763098.html

WEEKLY TRIVIA ANSWER:

The game of T-ball (or tee-ball as it was originally called) may have been invented by Dr. Muse in 1961 in Starkville. Other places that claim to have been the site where the game originated include Albion, Michigan, and Bagdad, Florida.

SOURCES:

http://www.bluetoad.com/display_article.php?id=486966
http://www.albionmich.com/history/histor_notebook/020428.shtml
http://www.geocities.ws/teeballbaseball/history.html

WEEK 2 GAMES

Janet Hall, OKAGE Teacher Consultant,
Bethany Middle School, Bethany, OK

GAME SCHEDULE

Buffalo at Baylor	West Virginia at Oklahoma	Texas at BYU
South Dakota at Kansas	Oklahoma State at UT San Antonio	SF Austin at Texas Tech
La-Lafayette at Kansas State	SE Louisiana at TCU	

1. One Big 12 game this week will be played much farther from the Prime Meridian than the other games. Which game is this and where will it be played? What is the Prime Meridian?

2. Which one of the sixteen teams playing in this week's Big 12 football games must travel the farthest?

3. Throughout history and around the world, cities have usually sprung up around rivers and other sources of water. One Big 12 game this week will be played in a city that sprang up around the Santa Fe Railroad. Which game is this and in what city will it be played?

4. The Mississippi River Basin is the largest in North America. All but one of the Big 12 games played this week are in this basin. Which game site is not located within the Mississippi Basin? What is a river drainage basin?

5. One Big 12 game this week is being played in a city that, according to the 2010 U.S. Census, is over 60% Hispanic or Latino. What city is it and what was its total population in 2010?

OVERTIME ACTIVITY

On an outline map of the United States*, draw and label the following rivers: Kansas River, Brazos River, Provo River, San Antonio River. Then, label home teams whose games will be played in cities along those rivers this week.

*available here: http://education.nationalgeographic.com/education/mapping/outline-map/?map=USA&layers=T,F,F,F,T,F,F,T,T,F,F,F,T,T,T,F,F,T

WEEK 2 ANSWERS: SEPTEMBER 2 – SEPTEMBER 8

1. The Texas Longhorns will travel to Provo, Utah, to play the Brigham Young Cougars at 111° W longitude. The Prime Meridian (0°) is an imaginary line that passes through Greenwich, England, and is the starting point for measuring degrees of longitude to the east and west.

SOURCES:

http://citylatitudelongitude.com/

http://education.nationalgeographic.com/education/encyclopedia/prime-meridian/?ar_a=1

2. The football team and fans of State University of New York at Buffalo (commonly known as the University at Buffalo or SUNY Buffalo) travels to Waco, Texas. It is approximately 1465 miles by highway or about 1300 miles in a straight line "as the crow flies."

SOURCES:

http://goo.gl/maps/nQJ9p

http://www.findlocalweather.com/how_far_is_it/ny/new+york.html

[To determine "straight line distance," change the city and state in Location 1 to where you will start, and enter the city and state of your destination in Location 2.]

Any map of the U.S. with a scale in miles

3. The University of Oklahoma vs. West Virginia University game will be played in Norman, a town that began as a station on the Santa Fe Railroad.

SOURCE:

http://www.visitnorman.com/all-about-norman/history-of-norman/

4. Brigham Young University, site of the BYU-Texas game, is in Provo, Utah, which is located west of the Continental Divide that

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Bethany Middle School, Bethany, OK

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WEEK 2 ANSWERS (continued): SEPTEMBER 2 – SEPTEMBER 8

marks the western margin of the Mississippi River Basin. A river drainage basin is the land area that is drained by a river and its tributaries.

SOURCES:

http://www.waterencyclopedia.com/Mi-Oc/Mississippi-River-Basin.html http://www.thefreedictionary.com/River+Drainage+Basin

http://www.ahdictionary.com/word/search.html?q=river+basin

5. Oklahoma State will play UT-San Antonio. San Antonio, Texas, had a population of 1,327,407, according to the 2010 U.S. Census. About 63% of the population claims Hispanic or Latino heritage.

SOURCE:

http://quickfacts.census.gov/qfd/states/48/4865000.html

OVERTIME ANSWER:

see map above

SOURCES:

http://pubs.usgs.gov/fs/fs-037-03/resources/fig1.jpg

http://www.worldatlas.com/webimage/countrys/namerica/usstates/cities/txrivers.htm

http://www.enchantedlearning.com/usa/states/kansas/map.GIF

WEEKLY TRIVIA ANSWER:

The Louisiana-Lafayette teams are called the Ragin' Cajuns, while the Kansas State teams call themselves the Wildcats.

SOURCES:

http://sports.yahoo.com/ncaa/football/teams/ssq

http://sports.yahoo.com/ncaa/football/teams/kkb

WEEK 3 GAMES

Joseph Rohr, OKAGE Teacher
Consultant, Tulsa, OK

GAME SCHEDULE

Iowa at Iowa State	Tulsa at Oklahoma	Ole Miss at Texas
Kansas at Rice	Lamar at Oklahoma State	Georgia State at West Virginia
UMass at Kansas State	TCU at Texas Tech	

1. This week's game between Texas Tech and TCU takes place in Lubbock, Texas. Give the longitude and latitude, the major geographic areas to the north and south, and the official elevation of Lubbock.
2. The cross-state football rivalry between Iowa State University and the University of Iowa will be played in Ames. In what city is the main campus of University of Iowa located? If the U of I fans travel by car to Ames on I-80 and I-35, driving at 60 miles per hour, about how long will it take them to get there? What interesting geographic point is located about five miles to the northeast of ISU, at 41°57.7'N, 93°23.1'W?
3. The Rebels of Ole Miss will "invade" Austin to take on the Texas Longhorns this week. If Ole Miss fans travel by car to Austin using the quickest route, what interstate highways will they take? What rivers that are also state boundaries will they cross? What three metropolitan areas will they drive through before they get to Austin?
4. The University of West Virginia Mountaineers play their home games in Morgantown. The coordinates of its absolute location are 39° 37' 45" N and 79° 57' 22" W. Which number represents the latitude and which the longitude? Write down how a person reads these numbers aloud.
5. The Minutemen of the University of Massachusetts will travel halfway across the continent to play the Kansas State Wildcats this week. In what town is the main campus of UMass located? The town is located in "Pioneer Valley" which is an area through which the longest river in New England flows. The river also serves as the boundary between two other New England states. What is this river? What are the two states that share the river as a boundary?

OVERTIME ACTIVITY

The game between the Sooners and the Golden Hurricane pits two in-state teams. TU fans driving to Norman for the game could travel on I-44 (Turner Turnpike) most of the way, or they could save the turnpike toll, and drive down part of one of the most famous highways in U.S. history: Route 66. Songwriter/musician Robert W. "Bobby" Troup helped make the road famous with his hit song, "(Get Your Kicks On) Route 66". Find the song lyrics on the Internet, and, using a map of the United States, highlight all the cities and towns mentioned in the song.

WEEK 3 ANSWERS: SEPTEMBER 9 – SEPTEMBER 15

1. Lubbock, Texas (33°35' N, 101°51'W) is located in northwest Texas. Considered to be at the center of the South Plains, the area is located between the Permian Basin to the south and the Texas Panhandle to the north. Lubbock's official elevation is 3,256 feet above sea level.

SOURCES:

http://www.tshaonline.org/handbook/online/articles/hdl04

http://www.ci.lubbock.tx.us/main-city-side-navigation/about-lubbock

2. The University of Iowa is located in Iowa City, about 138 miles from Ames. It should take a little more than two hours to make the trip if the driver averages 60 miles per hour. The "geographic center" of Iowa is located about five miles northeast of Ames.

SOURCES:

http://www.uiowa.edu/

http://goo.gl/maps/VoSaF

http://www.netstate.com/states/geography/ia_geography.htm

3. Using GoogleMaps, Mapquest, or BingMaps, the answers should all be the same: Ole Miss fans in Oxford, Mississippi, will drive on I-55, I-40, I-30, and I-35, crossing the Mississippi River and the Red River, and will skirt the Memphis, Little Rock, and Dallas metropolitan areas.

SOURCES:

http://goo.gl/maps/gkx96

http://mapq.st/16K0ega

http://binged.it/13z5YHj

WEEK 3 GAMES

Joseph Rohr, OKAGE Teacher Consultant, Tulsa, OK

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WEEK 3 ANSWERS (continued): SEPTEMBER 9 – SEPTEMBER 15

4. The first number (39° 37' 45" N) is Morgantown's latitude and the second number (79° 57' 22" W) is its longitude. The following is how one reads the coordinates aloud:

   -- 39 degrees 37 minutes 45 seconds North of the equator

   -- 79 degrees 57 minutes 22 seconds West of the Prime Meridian

   Usually "of the equator" and "of the Prime Meridian" is understood, so they do not have to be read aloud.

SOURCES:

http://www.travelmath.com/cities/Morgantown,+WV

http://www.ehow.com/how_5083052_read-longitude-latitude.html

5. The flagship campus of the University of Massachusetts system is located in Amherst. The Connecticut River flows just west of the UMass Amherst campus, and serves as the border between New Hampshire and Vermont.

SOURCES:

http://www.umass.edu/umhome/about/index.html

http://www.fws.gov/r5crc/images/Stuff/mapweb.gif

OVERTIME ANSWER:

Including Chicago, Illinois, and Los Angeles ("LA"), California, students should mark St. Louis ("Saint Looey") and Joplin, Missouri; Oklahoma City; Amarillo, Texas; Gallup, New Mexico; Flagstaff, Winona, and Kingman, Arizona; and Barstow and San Bernardino, California.

SOURCES:

http://youtu.be/dCYApJtsyd0

http://www.songlyrics.com/bobby-troup/route-66-lyrics/

http://goo.gl/maps/RUI50

WEEKLY TRIVIA ANSWER:

From OU, the Pro Football Hall of Fame inductees have been Troy Aikman, Tommy McDonald, and Lee Roy Selmon. Those who played for the University of Tulsa are Jim Finks, Steve Largent, and Bob St. Clair.

SOURCE:

http://www.profootballhof.com/hof/colleges.aspx

WEEK 4 GAMES

Rob Miles, OKAGE Teacher Consultant,
Santa Fe South Middle School, Oklahoma City, OK

GAME SCHEDULE

La-Monroe at Baylor
Louisiana Tech at Kansas
Kansas State at Texas
Texas State at Texas Tech
West Virginia vs Maryland (in Baltimore)

1. West Virginia plays its next-door neighbor Maryland in Baltimore this week. Fans traveling to the game from Morgantown will drive parallel to a state that borders both Maryland and West Virginia on the north. What state is this? Using a map and its scale or the Internet, determine about how far Mountaineer fans will travel round trip.

2. Baylor University is located in a town that sits at the confluence of two rivers. What does the word "confluence" mean? Use an online map or an atlas to name the two rivers that join up on the north side of town, and the body of water into which the joined river flows.

3. Two Big 12 teams play this week in cities named after famous people in U.S. history. One person founded a colony; the other helped establish a country. Find the full names of both people and dates when the country and colony became U.S. states.

4. The University of Kansas teams' nickname is the Jayhawks. This nickname originated before the Civil War. It was during this time that the area became known as "Bleeding Kansas." Why was this? On which side of the slavery issue were Jayhawkers and from what state did the Jayhawker's main opponents come?

5. Two Big 12 teams are playing opponents whose college campuses are less than 35 miles apart. Yet they will not play each other in football this season. Name these two colleges and their hometowns. What highway connects them?

OVERTIME ACTIVITY

Baylor and Kansas play teams from Louisiana this week. Louisiana became part of the United States thanks to the Louisiana Purchase. When was the Louisiana Purchase made and who was U.S. president at the time? About how many square miles of land were bought, and how much did the United States pay France for Louisiana? There are 640 acres in one square mile. Calculate how many acres were in the Louisiana Purchase, and how much the United States paid per acre. Finally, which state(s) of the Big 12 were NOT part of the Louisiana Purchase? [If even a part of the state was included, that counts!]

WEEK 4 ANSWERS: SEPTEMBER 16-SEPTEMBER 22

1. Pennsylvania shares a border with both West Virginia and Maryland. According to GoogleMaps, the roundtrip mileage from Morgantown to Baltimore and back is about 434 miles on interstate highways.

SOURCE: http://goo.gl/maps/TL7e6

2. In geography, the confluence is where one river flows into another or where two or more streams come together to form a single river. Just north of Waco, Texas, the Bosque River flows into the Brazos River which eventually empties into the Gulf of Mexico.

SOURCES:

http://goo.gl/maps/zK3sT

http://www.mclennan.edu/brs/assets/images/Waco_Map_Color.jpg

http://waterschool.brazos.org/category/Brazos-River.aspx

3. Cecil Calvert, the 2nd Lord Baltimore, established the English colony known as Maryland. Maryland was one of the original Thirteen Colonies, and joined the Union on April 28, 1788. Stephen Fuller Austin helped to found a colony in northern Mexico. In 1836 this area won its independence from Mexico and became the Republic of Texas. Later, Texas was admitted to the Union on December 29, 1845.

SOURCES:

http://mdroots.thinkport.org/library/cecilcalvert.asp

http://www.pbs.org/kera/usmexicanwar/biographies/stephen_austin.html

http://www.50states.com/statehood.htm - .Ufvyh1N4Nfl

4. Whether Kansas Territory should become a free state or a slave state led to much loss of life caused by raids and attacks on the settlers by pro- and anti-slavery forces. This gave rise to the nickname "Bleeding Kansas." The Jayhawkers were opposed to slavery, while pro-slavery raiders from neighboring Missouri were sometimes called Bushwhackers.

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WEEK 4 ANSWERS (continued): SEPTEMBER 16-SEPTEMBER 22

SOURCES:

http://www.pbs.org/wgbh/aia/part4/4p2952.html

http://www.historynet.com/americas-civil-war-missouri-and-kansas.htm

5. Louisiana Tech University is located in Ruston, while the University of Louisiana at Monroe (ULM) is about 35 miles to the east on I-20.

SOURCES:

http://goo.gl/maps/8ykzB

http://www.latechsports.com/sports/m-footbl/sched/latc-m-footbl-sched.html

http://www.ulmwarhawks.com/SportSelect.dbml?&DB_OEM_ID=19000&SPID=10968&SPSID=90585

OVERTIME ANSWER:

President Thomas Jefferson authorized the Louisiana Purchase in 1803. Although he was not sure exactly how much land he was buying at the time, the United States paid $15 million for about 827,000 square miles. Calculate: 640 acres X 827,000 square miles = 524,800,000 acres. $15,000,000 divided by 524,800,000 acres = $ 0.03 [3¢] per acre. Parts of what became Texas were included in the Louisiana Purchase as was all of Iowa, Kansas, and Oklahoma. Only West Virginia was not part of the Louisiana Purchase.

SOURCES:

http://www.lewisandclarktrail.com/legacy/jefferson.htm

http://www.lewisandclarktrail.com/legacy/sold.htm

http://gatewayno.com/history/images/la-purchase-large.jpg

WEEKLY TRIVIA ANSWER:

President George W. Bush's Prairie Chapel Ranch, located near Crawford, Texas, is about 35 miles west of Baylor University in Waco.

SOURCES:

http://www.crawford-texas.org/

http://goo.gl/maps/XF8lp

WEEK 5 GAMES

Ginny Rohr, OKAGE Teacher Consultant, Tulsa, OK

GAME SCHEDULE

Iowa State at Tulsa
Oklahoma at Notre Dame
Oklahoma State at West Virginia
SMU at TCU

1. This week the Iowa State Cyclones travel to Oklahoma to play the Tulsa Golden Hurricanes. The nicknames of both teams are the names of violent storms, but how are cyclones and hurricanes alike and how are they different?

2. South Bend, Indiana, will host the Oklahoma vs. Notre Dame football game this week. The city's name comes from the southernmost bend of a river that flows through the city. What is the name of this river, and through what other state does the river flow? Where is the mouth of the river?

3. Before 1994, the Big 12 Conference had been known as the Big Eight. That year the members of the conference were joined by four prominent universities that had been members of the Southwest Conference. What were those four schools? What colleges were the original Big Eight schools?

4. Oklahoma State University is one of a small number of schools in the U.S. that offer an accredited degree in an academic subject important to farmers, ranchers, and animal lovers. What field of study is it? What other Big 12 universities offer this degree program?

5. The Lone Ranger is a fictional character based on a group of real lawmen called the "Texas Rangers." In what city could you visit the Texas Ranger Hall of Fame and Museum? What Big 12 university is also located there?

OVERTIME ACTIVITY

On Your Feet! Latitude Limbo
(Game: minimum 3 students)
optional music: Limbo Rock by De Crew
http://grooveshark.com/#!/album/Kid+s+Authentic+Limbo+Party+Music/3627548
1. Determine the latitude for each city where a game is being played this week.
2. List the city latitudes in order from north to south.
3. For Latitude Limbo, make the assumption that your waist is located at 20°N and your nose is 40°N. Two students will hold a long piece of string (one at each end) at the approximate line of latitude.
4. Take turns going under the string "limbo style."
5. Repeat for each city's latitude.

FOLLOW-UP

Which city has the highest latitude?
Which city has the lowest latitude?
Which Big 12 university city has the lowest latitude?

WEEK 5 ANSWERS: SEPTEMBER 23 – SEPTEMBER 29

1. While all hurricanes are cyclones, not all cyclones are hurricanes. Both are rotating windstorms, but cyclone is a more general term while a hurricane is a tropical storm until it has sustained winds greater than 74 miles per hour. Also, the term hurricane is used especially to describe storms in the Northern Hemisphere that start in the tropical areas of the Atlantic Ocean or the Caribbean Sea and move generally northward.

SOURCES:

http://www.aoml.noaa.gov/hrd/tcfaq/A1.html
http://www.thefreedictionary.com/cyclone
http://www.thefreedictionary.com/hurricane

2. The St. Joseph River flows westward through Michigan from its headwaters near Hillsdale before dipping into northern Indiana for a few miles. The river then re-enters Michigan and empties into Lake Michigan at the town named St. Joseph.

SOURCES:

http://www.in.gov/dnr/outdoor/4479.htm
http://www.stjoeriver.net/about.htm

3. The four colleges, all from Texas, were Baylor, Texas, Texas A&M, and Texas Tech. They joined Colorado, Iowa State, Kansas, Kansas State, Missouri, Nebraska, Oklahoma, and Oklahoma State to form the Big 12 Conference.

SOURCES:

http://www.big12sports.com/ViewArticle.dbml?DB_OEM_ID=10410&ATCLID=1514841
http://bigeightsports.com/

4. OSU has the only accredited College of Veterinary Medicine (now Veterinary Health Sciences) in Oklahoma. Other Big 12 schools that educate veterinarians are Iowa State and Kansas State Universities.

SOURCES:

http://www.cvhs.okstate.edu/
https://www.avma.org/ProfessionalDevelopment/Education/Accreditation/Colleges/Pages/colleges-accredited.aspx

WEEK 5 GAMES

Ginny Rohr, OKAGE Teacher Consultant, Tulsa, OK

GAME SCHEDULE

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Oklahoma at Notre Dame
Oklahoma State at West Virginia
SMU at TCU

1. This week the Iowa State Cyclones travel to Oklahoma to play the Tulsa Golden Hurricanes. The nicknames of both teams are the names of violent storms, but how are cyclones and hurricanes alike and how are they different?

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FOLLOW-UP

Which city has the highest latitude?
Which city has the lowest latitude?
Which Big 12 university city has the lowest latitude?

WEEK 5 ANSWERS (continued): SEPTEMBER 23 – SEPTEMBER 29

5. Waco, Texas, is home to both Baylor University and the Texas Ranger Hall of Fame and Museum.

SOURCES:

http://www.texasranger.org/
http://www.waco-texas.com/about.asp

OVERTIME ANSWERS:

41°N - South Bend, Indiana
39°N - Morgantown, West Virginia
36°N - Tulsa, Oklahoma
32°N - Fort Worth, Texas
Highest/farthest north: 41°N - South Bend, Indiana
Lowest/farthest south: 32°N - Fort Worth, Texas
Lowest Big 12 city latitude: 30°N - Austin, Texas

SOURCE:

http://citylatitudelongitude.com/

WEEKLY TRIVIA ANSWER:

Of the original members of the Big 12 Conference, Colorado left to join the Pacific-10 (Pac-10) and Nebraska joined the Big 10 Conference.

SOURCES:

http://sports.espn.go.com/ncaa/news/story?id=5271438
http://www.bigten.org/trads/big10-trads.html

WEEK 6 GAMES

Janet Hall, OKAGE Teacher Consultant,
Bethany Middle School, Bethany, OK

GAME SCHEDULE

West Virginia at Baylor
Texas at Iowa State
Texas Tech at Kansas
Kansas State at Oklahoma State
TCU at Oklahoma

1. Only one Big 12 team is from a university located on the edge of a major mountain range. What team is this, and what is the name of the mountain range?

2. One Big 12 team will be playing outside of its home state's time zone. What team is it, and what is the difference between the home state's time and the game location's time?

3. The OU Sooners and the OSU Cowboys both play on their home fields this week. Which team's opponent must travel farther to play the Oklahoma team?

4. One Big 12 team comes from a state that grows more corn than any other state in the union. Most of the corn grown by these farmers becomes food for humans and animals. However, much of it is also made into a kind of fuel for cars. Which state is this, and what is the fuel called?

5. One Big 12 team is from a city often called "The Little Apple." What is the name of the team and their city? Why is it called "The Little Apple"?

OVERTIME ACTIVITY

It would take West Virginia University's team and fans about 20 hours to drive the speed limit from Morgantown to Waco, Texas, to play Baylor University. If you drove from your hometown to Morgantown, West Virginia, what major highways would you take? What major cities would you pass through? What would you want to see and do along the way?

WEEK 6 ANSWERS: SEPTEMBER 30 – OCTOBER 6

1. West Virginia University, whose nickname is the Mountaineers, is located in Morgantown in the foothills of the Appalachian Mountains.

SOURCE:

http://www.rocketbanner.com/images/states/west-virginia/morgantown-vinyl-banners.jpg

2. West Virginia University is located in the Eastern Time Zone. When the Mountaineers play the Baylor Bears in Waco, Texas, in the Central Time Zone, it will be an hour later in Morgantown, West Virginia. There is a one-hour time difference between the Eastern and Central Time Zones.

SOURCE:

http://www.timetemperature.com/tzus/time_zone.shtml

3. The Kansas State Wildcats will travel about 256 miles to Stillwater, while the Horned Frogs of Texas Christian only travel about 184 miles to Norman.

SOURCE: www.MapQuest.com

4. Iowa grows more corn than any other state in the U.S. About 23% of U.S. corn production is converted into ethanol.

SOURCES:

http://www.wherefoodcomesfrom.com/article/274-2190/Corn-Production-By-State-Alphabetical

http://web.extension.illinois.edu/ethanol/

5. "It all began with a steamboat. The first settlers of Manhattan, Kansas, ran aground as they traveled up the Kansas River. New York investors insisted that the settlers would call their new community "Manhattan" for the new town they were to settle. With Manhattan, New York, known as the "Big Apple," it was natural for Manhattan, Kansas, to become known as The Little Apple®."

SOURCE:

http://www.manhattancvb.org/FAQ.aspx?QID=69

OVERTIME ANSWER: Answers will vary.

WEEKLY TRIVIA ANSWER:

The statue, entitled "Into the Sunset," of Will Rogers on his horse Soapsuds is located near one of the entrances to the Texas Tech campus in Lubbock.

SOURCES:

http://www.ttu.edu/traditions/rogers.php

http://lubbockonline.com/local-news/2011-10-04/texas-tech-will-rogers-and-legend-am - .Ufl_B1N4Nfk

October 7–13

WEEK 7 GAMES

William E. Amburn, OKAGE Teacher Consultant, Bartlesville, OK

GAME SCHEDULE

Baylor at Kansas State
Iowa State at Texas Tech
Kansas at TCU
Oklahoma vs Texas (in Dallas)

Kansas, Texas, and Oklahoma are the Big 12 Conference states highlighted this week with football and unique geography. Pride is at stake in football and in the uniqueness of each state. This week you will be comparing the states looking for similarities and differences. An example: The Cross Timbers is an area of mixed woodlands, savanna, and prairie found in all three states, extending from north central Texas, through Oklahoma, and into southern Kansas. An atlas will be a handy source of reference.

1. Borders both divide and unite states. What rivers serve as borders for Kansas, Oklahoma, and Texas?

2. Which plain is in the western part of these states and is shared by them? What country to the north also shares this plain?

3. Wheat is a member of the grass family and was first introduced in the United States in 1777. Wheat is grown in 42 states and is one of the primary grains grown in the United States. Rank the order of wheat production from 1st to 3rd for Oklahoma, Texas, and Kansas.

4. From about 1867 until the 1880s, longhorn cattle were driven along cattle trails north from Texas through Oklahoma Territory into Kansas, especially on the Chisholm Trail. The longhorns could be sold for more money in Kansas than in Texas, because they could be hauled to the eastern states on the Kansas-Pacific Railroad. In what Texas town did the Chisholm Trail begin and in what Kansas town did it end?

OVERTIME ACTIVITY
Use an atlas or map to determine the distance and direction that the visiting football teams will travel to play the Big 12 football games.

5. Kansas, Oklahoma, and Texas are known for tornadoes with spring being the primary season and fall a secondary season, although tornadoes can happen anytime. What is the scale used to measure tornado strength?

October 14–20

WEEK 8 GAMES

Denise Aguilar, OKAGE Teacher Consultant, Central Middle School, Lawton, OK

GAME SCHEDULE

Iowa State at Baylor
Oklahoma at Kansas
TCU at Oklahoma State
Texas Tech at West Virginia

1. President Obama was scheduled to visit the campus of the University of Kansas on April 19, 2013, but he had to postpone his visit because of the Boston Marathon bombings. What other U.S. presidents have visited KU while they were in office?

2. The Horned Frogs of Texas Christian University have called three places home since the college opened in 1873. It began in Thorp Spring, Texas, and is presently located in Fort Worth. Before settling in Fort Worth, TCU was located in another Texas city that is located on Interstate Highway 35 at these coordinates: 31.54 N, 97.14 W. What is the name of this city that served as the second home for TCU, and what is the name of another Big 12 university located there today?

WEEK 7 ANSWERS: OCTOBER 7 – OCTOBER 13

1. Kansas – Missouri River
   Oklahoma – Red River
   Texas – Red River, Rio Grande, Sabine River

SOURCES:

Nystrom Desk Atlas

http://www.sporcle.com/games/rainbownia/state_border_rivers http://etc.usf.edu/maps/galleries/us/regional/index.htm http://www.texasalmanac.com/topics/environment/rivers

2. Great Plains, Canada

SOURCES:

Nystrom Desk Atlas

http://greatplainsfoodways.com/about/the-great-plains-map/

3. Kansas, Oklahoma, Texas

SOURCES:

http://www.wheatworld.org/wheat-info/fast-facts/

http://www.statista.com/statistics/190376/top-us-states-in-wheat-production/

4. San Antonio, Texas, and Abilene, Kansas

SOURCES:

http://digital.library.okstate.edu/encyclopedia/entries/c/ch045.html

http://genealogytrails.com/tex/state/cattledrives.html

5. Enhanced Fujita Scale

SOURCES:

http://www.spc.noaa.gov/faq/tornado/f-scale.html

http://www.spc.noaa.gov/efscale/

OVERTIME ANSWER:

The distance is approximately 450 miles (Nystrom Desk Atlas) using a map scale and 515 miles using an online mapping tool such as http://www.google.com. Direction is south-southwest (SSW)

Austin to Dallas is approximately 190 miles and the direction is north-northeast (NNE)

Norman to Dallas is approximately 190 miles and the direction is south or south-southeast (SSE)

The mileage and direction are close to the same using the Nystrom Desk Atlas and http://www.google.com.

Waco, Texas, to Manhattan, Kansas, is approximately 570 miles and the direction is either north or north-northeast.

SOURCES:

Nystrom Desk Atlas

http://www.google.com

October 7–13

WEEK 7 GAMES

William E. Amburn, OKAGE Teacher Consultant, Bartlesville, OK

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Iowa State at Texas Tech
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WEEK 7 ANSWERS (continued): OCTOBER 7 – OCTOBER 13

WEEKLY TRIVIA ANSWER:

The winning football team gets the Golden Hat, a bronzed ten-gallon hat, while the Governor's Trophy goes to the governor of the state's winning team, and the Red River Rivalry trophy, created in 2003, is awarded to the student government of the winning university.

SOURCE:

http://collegefootball.about.com/od/rivalries/a/rivalry-red.htm

WEEK 8 ANSWERS: OCTOBER 14 – OCTOBER 20

1. Other presidents to visit the University of Kansas while in office included Ulysses S. Grant in 1873, Rutherford B. Hayes in 1879 and William H. Taft in 1911.

SOURCE:

http://kuhistory.com/2013/04/presidential-visits-to-ku/

2. The town is Waco, Texas, and the Big 12 college located there today is Baylor University.

SOURCES:

http://www.magazine.tcu.edu/Magazine/Article.aspx?ArticleId=286

http://www.baylor.edu/about/index.php?id=88778

Nystrom Classroom Atlas

3. The two rivers that form the Ohio River in Pittsburgh, Pennsylvania, are the Monongahela & Allegheny Rivers.

SOURCES:

http://www.ohioriverfdn.org/education/ohio_river_facts/index.html

http://www.monriver.org/

Nystrom Classroom Atlas

4. Sesquicentennial means 150 years. When Kansas State University was founded in 1863, it was known as Kansas State Agricultural College.

SOURCES:

http://www.merriam-webster.com/dictionary/sesquicentennial

http://www.k-state.edu/150/trivia.html

5. Texas Tech University is located in Lubbock; its coordinates are approximately 33.58 N and 101.86 W.

SOURCES:

http://www.ttu.edu/traditions/

http://www.maps-streetview.com/United-States/Lubbock/

Nystrom Classroom Atlas

October 7–13

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WEEK 8 ANSWERS (continued): OCTOBER 14 – OCTOBER 20

OVERTIME ANSWER:

Des Moines is the capital of Iowa. The Kansas City metropolitan area is actually located in Missouri and Kansas. Minneapolis is the largest city in Minnesota. Omaha is the largest city in Nebraska.

To travel from Ames to these cities, follow these highways:

I-35 South to Kansas City

I-35 North to Minneapolis

I-35 South, then I-80 West to Omaha

SOURCES:

http://www.iastate.edu/about/

http://goo.gl/maps/DZGAZ

Nystrom Classroom Atlas

WEEKLY TRIVIA ANSWER:

West Virginia has both an Eastern Panhandle, extending between Maryland and Virginia, and a Northern Panhandle, extending between Ohio and Pennsylvania.

SOURCES:

http://www.netstate.com/states/geography/wv_geography.htm

http://www.big12sports.com/ViewArticle.dbml?DB_OEM_ID=10410&ATCLID=205751789

Nystrom Classroom Atlas

3. A 130-mile-long river in the Allegheny Plateau flows from north central West Virginia past West Virginia University in Morgantown, through western Pennsylvania to Pittsburgh where it meets another river to form the Ohio River. Name these two rivers.

4. Kansas State University celebrates its sesquicentennial this year. What is the meaning of "sesquicentennial" and what was the original name of the school?

5. Texas Tech University was established in 1923 as the largest comprehensive higher education institution in the western two-thirds of the state of Texas. The Red Raiders are located in one of the largest cities in west Texas today. What is the name of the city, and what are the coordinates (latitude and longitude) for the home of the Texas Tech Red Raiders?

OVERTIME ACTIVITY

Ames is the home of Iowa State University, which began as an agricultural college and model farm in 1858. Located on State Highways 30 and 69, it is only thirty minutes from the State Capital and three hours or less by car from three major metropolitan areas. What is the capital of Iowa, and in what states are Kansas City, Minneapolis, and Omaha located? What major interstate highways would one take to drive to these three cities from Ames?

*Hint – Two cities use the same interstate, while you will have to travel on two different interstates to reach the other city.

October 21–27

WEEK 9 GAMES

Ginny Rohr, OKAGE Teacher Consultant, Tulsa, OK

GAME SCHEDULE

Baylor at Kansas
Oklahoma State at Iowa State
West Virginia at Kansas State
Texas Tech at Oklahoma
Texas at TCU

1. Iowa State and Oklahoma State will compete in Ames, Iowa. The city was named for Oakes Ames, a 19th century U.S. congressman from Massachusetts who was influential in the building of the transcontinental railroad. What does "transcontinental" mean? With what railroad is Ames associated? Which president signed the railroad charter and in what year?

2. West Virginia and Kansas State will face off in Manhattan, Kansas. Manhattan is the county seat of Riley County. What is a county seat? Using the Internet or looking at a map of the State of Kansas, count the number of counties it has.

3. Known as The Sunflower State, Kansas chose the sunflower as its official state flower in 1903. Sunflowers are among the plants that exhibit heliotropism. What is heliotropism? What other Kansas state symbols feature the sunflower?

4. The Red River forms most of the southern boundary that divides Oklahoma and Texas. The name comes from the color the river picks up as it flows through the "red beds" in its watershed. What gives the soil of the red beds its red color? The Red River is a tributary of what major river?

5. The Big 12 universities are all located in five states. Which of these states are adjoining or contiguous? What state is the farthest north? Which state is farthest east? Make a timeline displaying the date and year each Big 12 state joined the Union.

OVERTIME ACTIVITY

As a result of the Compromise of 1850, Texas ceded to the U.S. government a strip of land that later became the Oklahoma Panhandle. Its southern border is 36°30′ N. Why did Texas give this land back to the U.S.? What is the significance of 36°30′ N? How wide is the Oklahoma Panhandle from north to south? Why was this area sometimes called "No Man's Land"?

WEEK 9 ANSWERS: OCTOBER 21 – OCTOBER 27

1. "Transcontinental" means extending or going across a continent, in this case from the Atlantic to the Pacific Ocean. Congressman Ames helped the Union Pacific Railroad to build its rail line west from the Missouri River. President Abraham Lincoln signed the Union Pacific charter in 1862.

SOURCES:

http://www.visitames.com/About_Ames/facts_and_info.aspx

http://www.merriam-webster.com/dictionary/transcontinental

http://up150.com/timeline

http://up150.com/timeline/union-pacific-charter

2. A county seat is the seat of government and administration for a county. It usually contains the county courthouse, the sheriff's office, and the county jail. Kansas has 105 counties.

SOURCES:

http://www.naco.org/Counties/Pages/CountySeats.aspx

http://www.infoplease.com/us-states/kansas.html

3. Heliotropism means that a plant's flower or blossom "follows" the sun's path across the sky, so the sunflower's head faces east in the morning and west in the afternoon. Both the Kansas state flag and the Kansas state quarter have images of the sunflower on them. There may be additional correct answers.

SOURCES:

http://www.statesymbolsusa.org/Kansas/flower_sunflower.html

http://epod.usra.edu/blog/2010/08/sunflowers-follow-the-sun.html

4. The red beds are sedimentary rock strata of sandstone and shale that contain iron oxide, the same color as rust. The Red River eventually empties its waters into the Mississippi River.

SOURCES:

http://practicalbio.blogspot.com/2011/07/soil-color-why-is-my-soil-red-or-tan-or.html

http://www.tshaonline.org/handbook/online/articles/rnr01

5. The adjoining Big 12 states are Kansas, Oklahoma, and Texas. Farthest north is Iowa, and farthest east is West Virginia.

Timeline order:

Texas: December 29, 1845

Iowa: December 28, 1846

3. A 130-mile-long river in the Allegheny Plateau flows from north central West Virginia past West Virginia University in Morgantown, through western Pennsylvania to Pittsburgh where it meets another river to form the Ohio River. Name these two rivers.

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Texas at TCU

1. Iowa State and Oklahoma State will compete in Ames, Iowa. The city was named for Oakes Ames, a 19th century U.S. congressman from Massachusetts who was influential in the building of the transcontinental railroad. What does "transcontinental" mean? With what railroad is Ames associated? Which president signed the railroad charter and in what year?

2. West Virginia and Kansas State will face off in Manhattan, Kansas. Manhattan is the county seat of Riley County. What is a county seat? Using the Internet or looking at a map of the State of Kansas, count the number of counties it has.

3. Known as The Sunflower State, Kansas chose the sunflower as its official state flower in 1903. Sunflowers are among the plants that exhibit heliotropism. What is heliotropism? What other Kansas state symbols feature the sunflower?

4. The Red River forms most of the southern boundary that divides Oklahoma and Texas. The name comes from the color the river picks up as it flows through the "red beds" in its watershed. What gives the soil of the red beds its red color? The Red River is a tributary of what major river?

5. The Big 12 universities are all located in five states. Which of these states are adjoining or contiguous? What state is the farthest north? Which state is farthest east? Make a timeline displaying the date and year each Big 12 state joined the Union.

OVERTIME ACTIVITY

As a result of the Compromise of 1850, Texas ceded to the U.S. government a strip of land that later became the Oklahoma Panhandle. Its southern border is 36°30′ N. Why did Texas give this land back to the U.S.? What is the significance of 36°30′ N? How wide is the Oklahoma Panhandle from north to south? Why was this area sometimes called "No Man's Land"?

WEEK 9 ANSWERS (continued): OCTOBER 21 – OCTOBER 27

Kansas: January 29, 1861

West Virginia: June 20, 1863

Oklahoma: November 16, 1907

SOURCES:

http://www.collegefantasycoach.com/wp-content/uploads/2012/02/Big-12.jpg

http://www.50states.com/statehood.htm#.UerI2G1n36U

OVERTIME ANSWER:

From the Kansas line on the north to the Texas line on the south, the Oklahoma Panhandle is 34 1/2 miles wide. By the Compromise of 1850, slavery was prohibited north of the 36°30′ parallel. It was the line that basically divided the northern free states and territory from the southern slave states and territory west of the Mississippi River. Texas chose to give up land north of the 36°30′ parallel in order to remain a "slave state." From the 1850s to the 1880s, no person could legally own or use the land in the Oklahoma Panhandle; also, there was no local government in the Oklahoma Panhandle, so it became a place where outlaws could hide out and avoid law enforcement. This gave rise to the name "No Man's Land."

SOURCES:

http://digital.library.okstate.edu/encyclopedia/entries/N/NO001.html

http://en.wikipedia.org/wiki/Oklahoma_Panhandle

http://www.historynet.com/oklahoma-panhandle-badmen-in-no-mans-land.htm

http://www.history.com/topics/missouri-compromise

http://www.ushistory.org/us/30d.asp

http://etc.usf.edu/maps/pages/2900/2906/2906.htm

http://www.netstate.com/states/geography/ok_geography.htm

WEEKLY TRIVIA ANSWER:

OSU and OGE Energy Corporation have "harnessed the wind" by building the Cowboy Wind Farm near Blackwell, Oklahoma.

SOURCES:

http://newsok.com/oklahoma-state-university-counting-on-wind-to-power-campus/article/3628633

https://news.okstate.edu/press-releases/2031-governor-fallin-oklahoma-state-ogae-celebrate-cowboy-wind-farm-wind-energy-for-stillwater-campus

WEEK 10 GAMES

Annie Elsberry, OKAGE Teacher Consultant,
Pawhuska Elementary School, Pawhuska, OK

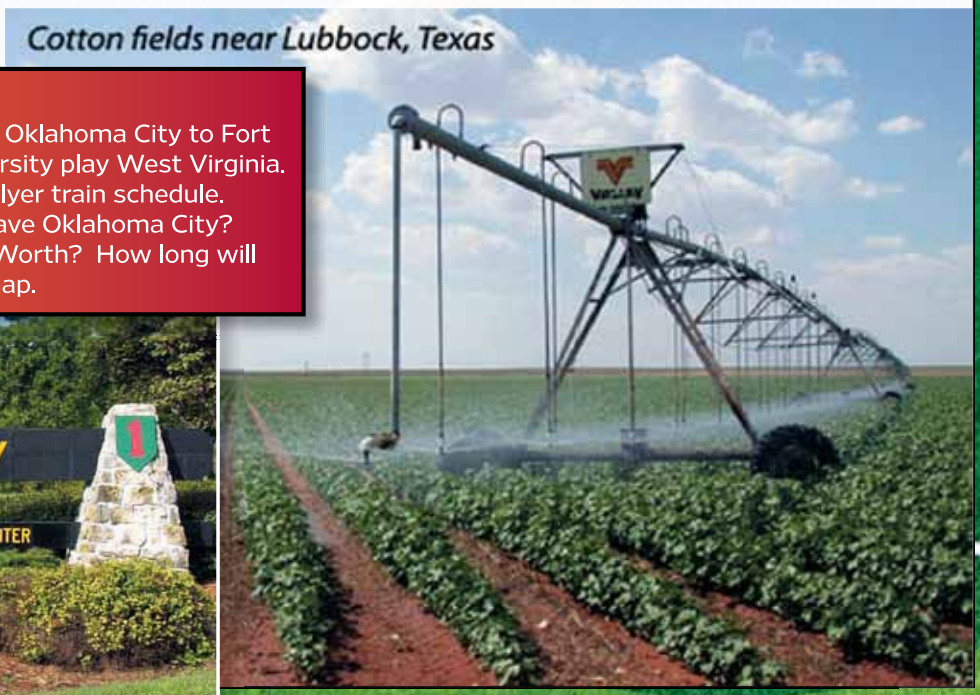
GAME SCHEDULE

Iowa State at Kansas State
Kansas at Texas
Oklahoma State at Texas Tech
West Virginia at TCU

1. One of this week's Big 12 games will be played in a State capital. What is this city and for whom was it named?
2. When Iowa State fans travel to Kansas State, they may want to visit nearby Fort Riley. Fort Riley was established to protect settlers on an important trail west. When was the fort established and what was this important trail?
3. Texas Tech University is located in one of the largest cotton-growing regions in the U.S., in spite of its semi-arid climate. The farmers in this region are dependent on irrigation to grow their crops. Where is Texas Tech located, and what water source do these farmers use?
4. Although West Virginia University teams are called the Mountaineers, among states with colleges in the Big 12 conference, West Virginia can't brag that it has the highest point. What is the highest point in West Virginia and what is its elevation? Which Big 12 state has the highest point, what is it called, and what is its elevation?
5. Both Stillwater, the home of Oklahoma State University, and Norman, the home of the University of Oklahoma, were officially opened for settlement on the same day. What event in Oklahoma history created this fact? What future Oklahoma counties were opened for settlement on that fateful day?

OVERTIME ACTIVITY

You are planning to ride the train from Oklahoma City to Fort Worth to watch Texas Christian University play West Virginia. Check the Internet for the Heartland Flyer train schedule. What time is the train scheduled to leave Oklahoma City? When is it scheduled to arrive in Fort Worth? How long will the trip take? Trace your route on a map.



Cotton fields near Lubbock, Texas

WEEK 10 ANSWERS: OCTOBER 28 – NOVEMBER 3

1. The Texas-Kansas game will be played in Austin, the capital of Texas. It was named after Stephen F. Austin, one of the founders of the Republic of Texas.

SOURCES:

http://www.pbs.org/weta/thewest/people/a_c/austin.htm

http://www.lsjunction.com/people/austin.htm

2. Fort Riley was established in 1852 to protect settlers traveling on the Santa Fe Trail.

SOURCES:

http://www.kshs.org/kansapedia/fort-riley/17809

http://www.riley.army.mil/UnitPage.aspx?unit=DPTMS.Museum

3. Texas Tech is located in Lubbock in the Texas Panhandle. The farmers are dependent on the Ogallala Aquifer for water to irrigate their crops.

SOURCES:

http://stateimpact.npr.org/texas/2013/05/22/ogallala-aquifer-in-texas-panhandle-suffers-big-drop/

http://www.cbsnews.com/8301-18563_162-20109776.html

http://droughtmonitor.unl.edu/

4. The highest point in West Virginia is Spruce Knob, which rises 4,863 feet above sea level. Texas has the highest point among Big 12 states. It is Guadalupe Peak, which rises 8,749 feet above sea level.

SOURCES:

http://www.netstate.com/states/geography/wv_geography.htm

http://www.netstate.com/states/geography/tx_geography.htm

http://geology.com/state-high-points.shtml

5. Both Stillwater and Norman were officially established on April 22, 1889, when the "Unassigned Lands" in central Oklahoma were opened in the first "land run" in U.S. history. This area eventually was divided into all or parts of Canadian, Cleveland, Kingfisher, Logan, Oklahoma, and Payne Counties.

SOURCES:

http://www.okgenweb.org/~land/

http://crescentok.com/staff/jaskew/TAH/OK/landruns.htm

OVERTIME ANSWER:

If the train is on time, you will leave Oklahoma City at 8:25 a.m., and arrive in Fort Worth at 12:39 p.m. The trip should take 4 hours and 14 minutes.

SOURCE:

http://www.heartlandflyer.com/train-information/schedules/

WEEKLY TRIVIA ANSWER:

Francisco Vásquez de Coronado traveled in 1540-1542 throughout the American Southwest (including Texas and Oklahoma) looking for the Seven Cities of Cíbola where there was rumored to be much gold and silver.

SOURCES:

http://www.history.com/topics/francisco-vazquez-de-coronado

http://digital.library.okstate.edu/encyclopedia/entries/c/co062.html

WEEK 11 GAMES

Joseph Rohr, OKAGE Teacher Consultant, Tulsa, OK

GAME SCHEDULE

Oklahoma at Baylor
TCU at Iowa State
Kansas at Oklahoma State
Kansas State at Texas Tech
Texas at West Virginia

1. The game between the Oklahoma Sooners and Baylor Bears will be played in Waco, Texas. Situated on the I-35 corridor between Dallas and Austin, Waco is home to a dinosaur museum and public park along the Bosque River and a brand of soda pop. Give the names of the dinosaur site and the soft drink.

2. Near Manhattan, Kansas, home of the Kansas State Wildcats, is the largest contiguous area of unplowed, native tall grass prairie remaining in North America. It is part of the same grassland biome that includes the Tall Grass Prairie Preserve in Osage County, Oklahoma. What is the name of this important area in the Flint Hills region of Kansas? How is it used today?

3. Texas is the second largest state in the Union by area, and it has "borders" on six different sides. It is one of four U.S. states to be bordered by other states, a major body of water, and another country. What are the names of the states, the body of water, and the country that border Texas?

4. Earlier this year the International Olympic Committee announced that it planned to drop wrestling from the roster of competitive sports beginning with the 2020 Summer Olympic Games. Where would you go in the Big 12 Conference if you wanted to visit the National Wrestling Hall of Fame? What are its days and hours of operation?

5. Both the University of Kansas and Kansas State University, as well as the state capital of Kansas, are in cities located on a river that flows from west to east across the state. Historically, the river has been known by two names. What are these names? Where is the Kansas state capital located?

OVERTIME ACTIVITY

The U.S. Census Bureau is responsible for counting everyone who lives in the country every ten years. However, they also gather data on a wide variety of other interesting topics. For instance, how many amusement parks do you think were in Big 12 states in 2007? Explore the U.S. Census Bureau web site to find the answer, and lots of other fascinating information.

WEEK 11 ANSWERS: NOVEMBER 4 – NOVEMBER 10

1. Waco is the birthplace of Dr Pepper, and is home to the Waco Mammoth Site, a 100-plus acre stretch of wooded parkland along the Bosque River. The site provides a glimpse into the lives of Columbian mammoth bones discovered in Waco in 1978.

SOURCES:

http://www.waco-texas.com/cms-waco-mammoth/page.aspx?id=174

http://drpeppermuseum.com/About-Us/History-Of-Dr--Pepper.aspx

2. The Konza Prairie, located in the Kansas Flint Hills about ten miles from Manhattan, is 8,616 acres of native tallgrass prairie that preserves some the grasslands that once covered much of the center of the continent. This preserve and biological station is used for ecological research and as an environmental education facility for students and the public.

SOURCES:

http://www.konza.ksu.edu/keep/Plantdiversity.htm

http://keep.konza.ksu.edu/ecology/

3. Texas is bordered by New Mexico on the west, Oklahoma on the north, Arkansas on the north and east, and Louisiana on the east. To the southeast is the Gulf of Mexico. Along its southwestern border is the Rio Grande, the 1,951-mile-long river that also serves as an international boundary between the United States and Mexico.

SOURCE:

http://www.worldatlas.com/webimage/countrys/namerica/usstates/txlatlog.htm

4. The National Wrestling Hall of Fame is located in Stillwater, Oklahoma. It is open Monday through Friday from 9 a.m. until 4 p.m.

SOURCE:

http://nwhof.org/stillwater/

http://nwhof.org/locations/

5. From its source the Kansas or Kaw River flows 173 miles to where it empties into the Missouri River. Topeka is the state capital of Kansas.

SOURCES:

http://kansasriver.org/

http://www.50states.com/kansas.htm - .UfsG91N4Nfk

OVERTIME ANSWER:

In 2007 there were 51 amusement parks in Texas, ten in Oklahoma, three in Iowa, two in Kansas, and one in West Virginia.

SOURCES:

http://www.census.gov/econ/industry/geo/g71311.htm

http://quickfacts.census.gov/qfd/index.html

WEEKLY TRIVIA ANSWER:

Among the five top beef producing states, Texas ranks first and Oklahoma is fourth.

SOURCE:

http://www.beefusa.org/beefindustrystatistics.aspx

November 11–17

WEEK 12 GAMES

Jeffrey M. Widener, GIS Librarian,
University of Oklahoma, Norman, OK

GAME SCHEDULE

Baylor vs Texas Tech
Iowa State at Oklahoma
West Virginia at Kansas
TCU at Kansas State
Oklahoma State at Texas

1. The interstate highway system, a network of four-lane highways, is often called the "greatest public works project in history." When was construction on the system begun? Which US President is called the "Father of the Interstate System"? After which European country did the U.S. model the interstate system? What cardinal directions do even numbered interstates generally run? Odd numbered?
2. As Cowboy fans drive west from Stillwater on Oklahoma Highway 51, they will cross the Indian Meridian before they merge onto I-35 to head south towards Austin, Texas. What is the significance of the Indian Meridian? Where does it intersect the Indian Base Line, and what is that place called? What part of Oklahoma was not affected by the Indian Meridian and the Indian Base Line?
3. Two Big 12 states were admitted to the Union just before and during the Civil War? Which states are they and what are their dates of admission?
4. The Ogallala Aquifer lies below parts of which Big 12 states? Which Big 12 schools sit above the Ogallala Aquifer? What is an aquifer? How do farmers use this resource?
5. President Barack Obama was re-elected in 2012, defeating former Gov. Mitt Romney. In which of the Big 12 states did President Obama win the most votes? In which ones did Gov. Romney win the most votes?

OVERTIME ACTIVITY

Two Big 12 states were among the top five producers of coal in the United States in 2011. Which states were these? Which state in the U.S. produces the most coal? More than 90% of the coal burned in the U.S. is used for what purpose? What is the controversial method of coal mining called that involves using explosives to remove layers of rock and dirt above the coal deposits? Why is it considered controversial?

November 18–24

WEEK 13 GAMES

William E. Amburn, OKAGE Teacher
Consultant, Bartlesville, OK

GAME SCHEDULE

Baylor at Oklahoma State
Kansas at Iowa State
Oklahoma at Kansas State

What is in a name? Many place names in the Big 12 were given by Native Americans or came from English translations of their languages; many also have human or physical geography background.

1. Which Big 12 state name comes from a word in the Sioux language meaning "people of the south wind"?
2. This Big 12 state refused to secede from the Union during the Civil War and was named for the nickname for a British monarch. What state is this?
3. Which Big 12 state name comes from two Choctaw language words meaning "red people"?
4. This Big 12 state is named for a Native American tribe living in the area. The name may have come from a Dakota language word meaning "sleepy ones." What state is this?
5. Which Big 12 state name comes from the Spanish pronunciation of a word in the Caddo language meaning "friends" or "allies"?

OVERTIME ACTIVITY

Tourism is important to the economy of Oklahoma. Where would you like to travel in Oklahoma and why? Choose a state park that you have never visited and, using an Oklahoma state highway map and a highlighter, trace the route you would travel from your hometown to your chosen state park.

WEEK 12 ANSWERS: NOVEMBER 11 – NOVEMBER 17

1. President Dwight D. Eisenhower admired German's well-engineered highways that he convinced Congress to authorize a similar system in the U.S., and he signed the bill into law on June 29, 1956. Even numbered interstates run generally east and west, while odd numbered ones run generally north and south.

SOURCES:

http://www.fhwa.dot.gov/interstate/faq.htm - question2

http://www.fhwa.dot.gov/interstate/homepage.cfm

http://www.fhwa.dot.gov/interstate/history.htm

2. Indian Meridian, which runs south from the Kansas line to the Red River, intersects with the Indian Base Line, which runs east and west at 34° 30′ N, at a place near Davis called Initial Point. All of what became Oklahoma, except the Panhandle, was surveyed in 1870 by E. N. Darling and Theodore H. Barrett beginning at Initial Point.

SOURCES:

http://nationalatlas.gov/articles/boundaries/a_plss.html

http://digital.library.okstate.edu/encyclopedia/entries/I/IN012.html

3. Kansas was admitted to the Union on January 29, 1861. West Virginia became a state on June 20, 1863.

SOURCE:

http://www.50states.com/statehood.htm - .Uf2ko1PFYz0

http://www.270towin.com/states/West_Virginia; http://www.270towin.com/states/Kansas

4. Portions of Big 12 states Oklahoma, Kansas, and Texas lie above the Ogallala Aquifer; Texas Tech University in Lubbock is the only Big 12 college that sits above it. An aquifer is an underground bed or layer of porous and permeable rock that stores and transmits water. Farmers drill wells down to the aquifer, and pump out the water which they use to irrigate their crops.

SOURCES:

http://ne.water.usgs.gov/ogw/hpwlms/

http://ne.water.usgs.gov/ogw/hpwlms/images/locationmap.jpg

http://ga.water.usgs.gov/edu/earthgwaquifer.html

5. Of the Big 12 states, Gov. Romney won the most votes in Kansas, Oklahoma, Texas, and West Virginia. President Obama carried Iowa only.

SOURCE:

http://www.270towin.com/2012_Election/index.html

November 11–17

WEEK 12 GAMES

Jeffrey M. Widener, GIS Librarian,
University of Oklahoma, Norman, OK

GAME SCHEDULE

Baylor vs Texas Tech
Iowa State at Oklahoma
West Virginia at Kansas
TCU at Kansas State
Oklahoma State at Texas

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OVERTIME ACTIVITY

Two Big 12 states were among the top five producers of coal in the United States in 2011. Which states were these? Which state in the U.S. produces the most coal? More than 90% of the coal burned in the U.S. is used for what purpose? What is the controversial method of coal mining called that involves using explosives to remove layers of rock and dirt above the coal deposits? Why is it considered controversial?

November 18–24

WEEK 13 GAMES

William E. Amburn, OKAGE Teacher
Consultant, Bartlesville, OK

GAME SCHEDULE

Baylor at Oklahoma State
Kansas at Iowa State
Oklahoma at Kansas State

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OVERTIME ACTIVITY

Tourism is important to the economy of Oklahoma. Where would you like to travel in Oklahoma and why? Choose a state park that you have never visited and, using an Oklahoma state highway map and a highlighter, trace the route you would travel from your hometown to your chosen state park.

WEEK 12 ANSWERS (continued): NOVEMBER 11 – NOVEMBER 17

OVERTIME ANSWERS:

Among the top five coal producing states in 2011, Wyoming was #1, West Virginia #2, and Texas #5. About 93% of coal used in the U.S. goes to generate electricity. The controversial method of producing coal in West Virginia is called mountaintop mining or mountaintop removal. It is controversial because of the clear-cutting of forests to expose the mountaintop, because of the blasting that is necessary, because of how the rock, dirt, and other materials left after mining are disposed of in nearby valleys, and because of the impact this kind of mining has on the environment of the area. To see an example of mountaintop mining, use the aerial imagery on Google Earth and search for Sylvester, WV.

SOURCES:

http://www.eia.gov/energyexplained/index.cfm?page=coal_where

http://www.eia.gov/energyexplained/index.cfm?page=coal_use

http://www.epa.gov/region3/mtntop/#impacts

http://www.cnn.com/2011/US/08/12/mountaintop.removal.mining/index.html

http://e360.yale.edu/content/feature.msp?id=2198

WEEKLY TRIVIA ANSWER:

Students at OU can compete in men's and women's gymnastics and women's rowing and volleyball, while OSU women can participate in equestrian competition.

SOURCE:

http://www.soonersports.com/SportSelect.dbml?DB_OEM_ID=31000&SPID=127248&SPSID=750341&DB_OEM_ID=31000

http://www.soonersports.com/SportSelect.dbml?DB_OEM_ID=31000&SPID=127243&SPSID=750311&DB_OEM_ID=31000

http://www.soonersports.com/SportSelect.dbml?DB_OEM_ID=31000&SPID=127244&SPSID=750321&DB_OEM_ID=31000

http://www.soonersports.com/SportSelect.dbml?DB_OEM_ID=31000&SPID=127256&SPSID=750375&DB_OEM_ID=31000

http://www.okstate.com/sports/w-equest/okst-w-equest-body.html

November 11–17

WEEK 12 GAMES

Jeffrey M. Widener, GIS Librarian,
University of Oklahoma, Norman, OK

GAME SCHEDULE

Baylor vs Texas Tech
Iowa State at Oklahoma
West Virginia at Kansas
TCU at Kansas State
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November 18–24

WEEK 13 GAMES

William E. Amburn, OKAGE Teacher
Consultant, Bartlesville, OK

GAME SCHEDULE

Baylor at Oklahoma State
Kansas at Iowa State
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OVERTIME ACTIVITY

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WEEK 13 ANSWERS: NOVEMBER 18 – NOVEMBER 24

1. Kansas
2. West Virginia
3. Oklahoma
4. Iowa
5. Texas

SOURCES:

http://state-facts.findthedata.org/
http://www.infoplease.com/ipa/A0854966.html
http://www.tshaonline.org/handbook/online/articles/msscc

OVERTIME ANSWER:

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SOURCE:

http://www.travelok.com/listings/sid.1/tag.state_parks

WEEKLY TRIVIA ANSWER:

Norman, Oklahoma

SOURCE:

http://www.ci.norman.ok.us/content/about-city

WEEK 14 GAMES

Jeffrey M. Widener, GIS Librarian,
University of Oklahoma, Norman, OK

GAME SCHEDULE

Baylor at TCU
Iowa State at West Virginia
Kansas State at Kansas
Texas Tech at Texas

Google Earth is a phenomenal tool for exploring our planet. This week will require downloading Google Earth, which is free and different from Google Maps, to explore geography on your computer. Additionally, you will be using other document- and electronic-based resources, such as American FactFinder, to learn about the human geography in Big 12 locations.

1. Baylor vs. TCU

Using Google Earth, get directions from Baylor University to Texas Christian University by typing the names of each university in the "search/get directions" box. How many miles is it from Baylor University in Waco, to TCU which is located in Fort Worth? About how many miles per hour would you have to drive to make it from Waco to Fort Worth in one hour and 25 minutes? On the left side of your Google Earth window, find the "Layers" menu (it should say "Primary Database, Borders and Labels, Places, Photos, Roads, etc.). Click the box next to "Roads" so a check mark appears. [You may need to uncheck "Borders and Labels" and "Photos" to make the map easier to use.] If Baylor fans want to avoid interstate traffic, what other routes could they take to get to Fort Worth? Would these routes be faster or slower? Why?

2. Iowa State vs. West Virginia

Using Google Earth, search for and fly to Ames, Iowa, home of the Iowa State Cyclones. Use the navigation bar on the right side of your Google Earth window to zoom out to show Ames's landscape. Describe what you see: Is it flat? Mountainous? What types of land use do you see: Urban? Rural? Agricultural? Zoom out a bit more so that the towns of Fraser (west north west of Ames), Boone (west of Ames), and Nevada (east of Ames) show on your screen. Notice the vegetation patterns that surround the rivers and streams. What is the term for this type of vegetation?

Now, fly to Morgantown, West Virginia, home of the Mountaineers. Describe the landscape you see there: Is it flat? Mountainous? Rural? Urban? How do you know?

By looking at its urban "footprint," which city do you think is more populous -- Ames, IA or Morgantown, WV? Using the American FactFinder http://factfinder2.census.gov provided by the US Census Bureau, find the 2010 population of each city. What is the population of Ames? Morgantown? What is the difference in population between the two places?

3. Kansas State vs. Kansas

In addition to sharing an in-state sports rivalry, KU and Kansas State share access to a tributary on its way to the Missouri River. Using Google Earth, let's calculate the change in elevation from Manhattan to Lawrence. First, search for Manhattan, KS. In the lower right portion of your Google Earth window, you will find information such as imagery date, latitude and longitude coordinates, and elevation. What is Manhattan's elevation in feet? To get the reading, make sure you place the hand (mouse icon) in your Google Earth window over the Manhattan place mark.

Do the same thing for Lawrence, KS. What is Lawrence's elevation in feet? What is the difference in elevation (feet) from Manhattan to Lawrence?

Using either Google Earth or Google Maps, determine how many miles it is from Manhattan from Lawrence.

Since rivers flow from highest point to lowest point, calculate the average drop in elevation (feet/mile [basic] or slope ratio [advanced]) that occurs between Manhattan and Lawrence.

OVERTIME ACTIVITY

We celebrate the Thanksgiving holiday this week. Where was Thanksgiving first celebrated? What types of food stuffs were served at the first gatherings? What gastronomical traditions does your family have? Where was your food produced?

WEEK 14 ANSWERS: NOVEMBER 25 – DECEMBER 1

1. **Note #1:** depending on student knowledge and grasp of arithmetic and algebraic skills, the teacher may need to round numbers to accommodate reasonable calculation.

   Note #2: the same basic information can be gathered using a highway atlas or Texas road map, but the results may not be as precise.

   According to Google Earth, this distance from Baylor to TCU is 87.3 miles; to arrive in an hour and 25 minutes (85 minutes), the driver would have to travel at a constant speed of 61.6 miles per hour. To arrive at this figure, divide 87.3 by 85 and then multiple the quotient by 60. Answers will vary as to what route to take without driving on I-35. Probably these routes would be slower because of roads having fewer lanes and stop signs/lights in some of the communities en route. However, if traffic is heavy on I-35 on game day, it could be faster to travel the back roads. Students should also take other variables (e.g., weather and highway construction) into consideration when making their predictions.

SOURCES:

Google Earth
https://maps.google.com/
http://goo.gl/maps/zkGKg
Highway atlas or Texas road map.

2. **Note:** Students will need to be acquainted with the symbols and/or colors used on different kinds of maps to be able to interpret the aerial imagery they will see on Google Earth. The teacher may want to show examples of land use and topographic maps as well as political maps, so students will know how maps can be used to represent many different pieces of information.

   The landscape around Ames should appear to students to be fairly flat with much of the land being used for agriculture outside of the city. Around the rivers and streams students should be able to discern riparian [having to do with rivers or sometimes bodies of water] vegetation. In the Morgantown area, students should be able to see

WEEK 14 GAMES

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GAME SCHEDULE

Baylor at TCU
Iowa State at West Virginia
Kansas State at Kansas
Texas Tech at Texas

Google Earth is a phenomenal tool for exploring our planet. This week will require downloading Google Earth, which is free and different from Google Maps, to explore geography on your computer. Additionally, you will be using other document- and electronic-based resources, such as American FactFinder, to learn about the human geography in Big 12 locations.

1. Baylor vs. TCU

Using Google Earth, get directions from Baylor University to Texas Christian University by typing the names of each university in the "search/get directions" box. How many miles is it from Baylor University in Waco, to TCU which is located in Fort Worth? About how many miles per hour would you have to drive to make it from Waco to Fort Worth in one hour and 25 minutes? On the left side of your Google Earth window, find the "Layers" menu (it should say "Primary Database, Borders and Labels, Places, Photos, Roads, etc.). Click the box next to "Roads" so a check mark appears. [You may need to uncheck "Borders and Labels" and "Photos" to make the map easier to use.] If Baylor fans want to avoid interstate traffic, what other routes could they take to get to Fort Worth? Would these routes be faster or slower? Why?

2. Iowa State vs. West Virginia

Using Google Earth, search for and fly to Ames, Iowa, home of the Iowa State Cyclones. Use the navigation bar on the right side of your Google Earth window to zoom out to show Ames's landscape. Describe what you see: Is it flat? Mountainous? What types of land use do you see: Urban? Rural? Agricultural? Zoom out a bit more so that the towns of Fraser (west north west of Ames), Boone (west of Ames), and Nevada (east of Ames) show on your screen. Notice the vegetation patterns that surround the rivers and streams. What is the term for this type of vegetation?

Now, fly to Morgantown, West Virginia, home of the Mountaineers. Describe the landscape you see there: Is it flat? Mountainous? Rural? Urban? How do you know?

By looking at its urban "footprint," which city do you think is more populous -- Ames, IA or Morgantown, WV? Using the American FactFinder http://factfinder2.census.gov provided by the US Census Bureau, find the 2010 population of each city. What is the population of Ames? Morgantown? What is the difference in population between the two places?

3. Kansas State vs. Kansas

In addition to sharing an in-state sports rivalry, KU and Kansas State share access to a tributary on its way to the Missouri River. Using Google Earth, let's calculate the change in elevation from Manhattan to Lawrence. First, search for Manhattan, KS. In the lower right portion of your Google Earth window, you will find information such as imagery date, latitude and longitude coordinates, and elevation. What is Manhattan's elevation in feet? To get the reading, make sure you place the hand (mouse icon) in your Google Earth window over the Manhattan place mark.

Do the same thing for Lawrence, KS. What is Lawrence's elevation in feet? What is the difference in elevation (feet) from Manhattan to Lawrence?

Using either Google Earth or Google Maps, determine how many miles it is from Manhattan from Lawrence.

Since rivers flow from highest point to lowest point, calculate the average drop in elevation (feet/mile [basic] or slope ratio [advanced]) that occurs between Manhattan and Lawrence.

OVERTIME ACTIVITY

We celebrate the Thanksgiving holiday this week. Where was Thanksgiving first celebrated? What types of food stuffs were served at the first gatherings? What gastronomical traditions does your family have? Where was your food produced?

WEEK 14 ANSWERS (continued): NOVEMBER 25 – DECEMBER 1

the mountainous terrain and the rural nature of the landscape.

The 2010 population of Ames was 58,965. Morgantown's population in 2010 was 29,660. Ames had 29,305 more people than Morgantown in 2010.

SOURCES:

Google Earth

https://maps.google.com/

http://factfinder2.census.gov/

3. Depending on where the students place the "hand" on the Manhattan placemark, the elevation will be in the range of 1035 to 1055 feet above sea level. Likewise with Lawrence, the elevation will be in the range of 835 to 865 feet above sea level. For the purpose of this exercise, use 1035 feet for Manhattan and 865 feet for Lawrence. If the drop in elevation between Manhattan and Lawrence is 170 feet over the distance of approximate 85 miles (Google says 84.6 miles), the average decline in elevation per mile is two (2) feet. Divide 170 by 85 to determine this number. Students who are more advanced can calculate the slope ratio, which is .00038 (using 84.6 miles).

SOURCES:

Google Earth

https://maps.google.com/

Highway atlas or Kansas road map

OVERTIME ANSWER:

While tradition holds that the "first" Thanksgiving was celebrated by the Separatists or Puritans at the Plimouth Plantation Colony in what is now Massachusetts in 1621, answers will vary depending on how students decide to identify "first."

SOURCES:

http://www.plimoth.org/learn/MRL/read/thanksgiving-history

http://www.loc.gov/wiseguide/nov05/thanksgiving.html

http://kids.nationalgeographic.com/kids/stories/history/first-thanksgiving/

WEEKLY TRIVIA ANSWER:

A football resembles an elongated sphere, also known in geometry as a prolate spheroid. Early games of football used inflated pig or other animal bladders, giving rise to the term of "pigskin" for a football. From a generally round or spherical shape, the ball evolved to the current shape because it was easier to throw the ball in a spiral for longer distances in a forward pass.

SOURCE:

http://youtu.be/QcilcRilMsg

http://wonderopolis.org/wonder/are-footballs-really-made-of-pigskin/

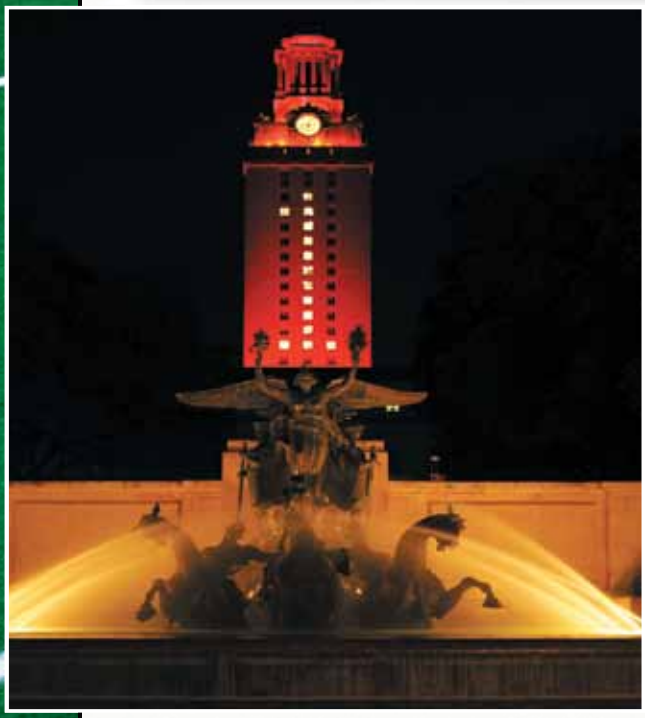
WEEK 15 GAMES

Denise Aguilar, OKAGE Teacher Consultant,
Central Middle School, Lawton, OK

GAME SCHEDULE

Oklahoma at Oklahoma State

Texas at Baylor



1. "The Tower" has been the most recognizable landmark at this Big 12 University since it was completed in 1937. Standing at 307 feet, it can be seen from almost any location in this city, located at 30.28 N, 97.73 W. On what campus would you find "The Tower" and what is the name of the city where it is located?
2. Stillwater, home of Oklahoma State University, has a recreational area located near a federal highway that runs north and south through the heart of the city. Originally completed in 1925 as an artificial reservoir, it serves several purposes today, such as cooling the local power plant and providing entertainment and recreation. What is the name of this park and near what highway is it located?
3. This river in Texas is 1,289 miles long from its source in New Mexico to its mouth on the Gulf of Mexico. The name of the river is Spanish and means "arms" in English. Name this river, the longest one in Texas. Through what Big 12 college town does this river flow?
4. Just east of Norman, home of the University of Oklahoma, is a man-made reservoir built to provide drinking water to communities in the area as well as recreational activities. This lake is also a prime location for watching for some of North America's most majestic birds during the winter months. What is the name of this lake and park, and what bird might you see there in January?
5. This Big 12 university is located in a town known as the "Original Home of Red Dirt Music." Located about an hour's drive north of Oklahoma City and an hour west of Tulsa, the town has hosted many famous country music singers who played at "The Farm," including Garth Brooks, who is also an alumnus of this university. What Oklahoma town is called the "Original Home of Red Dirt Music" and what university is located there?

OVERTIME ACTIVITY

A college president usually has had a long academic career and has earned a doctoral degree (Ph.D.) before being named to lead a university. However, the presidents of the University of Oklahoma and Oklahoma State University both had different backgrounds before being chosen. Who are the presidents of the Big 12 universities in Oklahoma? How are their careers alike? How are they different?

WEEK 15 ANSWERS: DECEMBER 2 – DECEMBER 8

1. The Tower is on the campus of the University of Texas in Austin.

SOURCES:

http://www.utexas.edu/tower/

http://goo.gl/maps/SUg5n

http://itouchmap.com/latlong.html

http://www.worldatlas.com/aatlas/latitude_and_longitude_finder.htm

Nystrom Classroom Atlas

2. Boomer Lake & Park are just west of U.S. 177 in Stillwater.

SOURCES

http://www.travelok.com/listings/view.profile/id.685

http://goo.gl/maps/lvlwd

http://stillwater.org/

Nystrom Classroom Atlas

3. Although it depends on where a river "begins" when there are several branches of that river, most authorities agree that the Brazos River is the longest river in Texas, flowing through Waco, the home of Baylor University.

SOURCES:

http://www.mapsofworld.com/usa/states/texas/texas-river-map.html

http://www.baylor.edu/map/?_buref=1172-91940

Nystrom Classroom Atlas

4. Lake Thunderbird State Park is located east of Norman, and often hosts roosting bald eagles on their migration corridor across the continent.

SOURCES:

http://www.travelok.com/article_page/top-10-places-for-eagle-watching-in-oklahoma

http://goo.gl/maps/Y6uRj

Nystrom Classroom Atlas

5. Stillwater claims the title of the "Original Home of Red Dirt Music" and is the home of the main campus of Oklahoma State University.

SOURCES:

http://www.visitstillwater.org/

http://www.visitstillwater.org/visitors/red-dirt-music/

http://tasteofcountry.com/garth-brooks-graduates-oklahoma-state-university-masters/

OVERTIME ANSWER:

David L. Boren became the thirteenth president of the University of Oklahoma in 1994. Burns Hargis was named the eighteenth president of Oklahoma State University in 2007. Other answers will vary.

Neither president has a Ph.D.

Both presidents earned law degrees from the University of Oklahoma, and both have been active in politics.

Most of President Hargis's career experience has been in the practice of law and in the banking industry; he ran for governor in 1990.

President Boren was a U.S. Senator from Oklahoma before being chosen as OU president, and before that he served as governor of Oklahoma and as a state legislator.

Both presidents are married, have children and grandchildren.

Boren is a Democrat; Hargis is a Republican.

SOURCES:

http://president.okstate.edu/

https://www.ou.edu/content/web/about_ou/presidentswelcome/borenbio.html

WEEKLY TRIVIA ANSWER:

The University of Oklahoma has won the Bedlam Championship in each of the last three academic years:

2010-11: OU 16, OSU 11

2011-12: OU 15, OSU 14

2012-13: OU 14, OSU 11

SOURCES:

http://www.soonersports.com/ot/bedlam.html

http://www.okstate.com/ot/bedlam-series.html

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