



**NEWSPAPERS IN EDUCATION
THE OKLAHOMAN**

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WEEK 1 GAMES

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

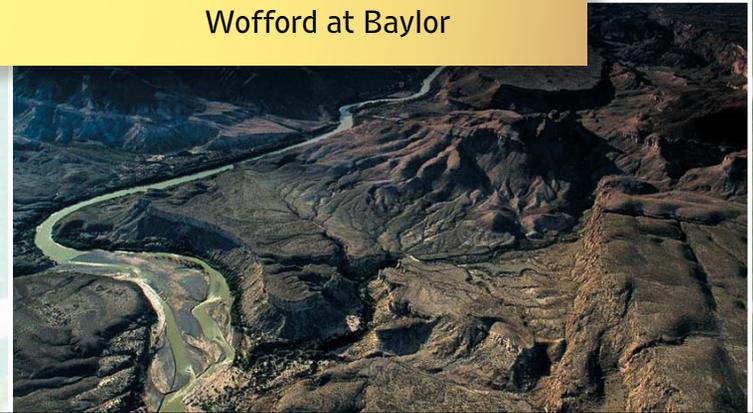
GAME SCHEDULE

Northern Iowa at Iowa State
North Dakota State at Kansas State
La-Monroe at Oklahoma

Okla State vs MS State (in Houston)
TCU vs LSU (in Dallas)
New Mexico State at Texas

Texas Tech at SMU
William & Mary at West Virginia
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 2 GAMES

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

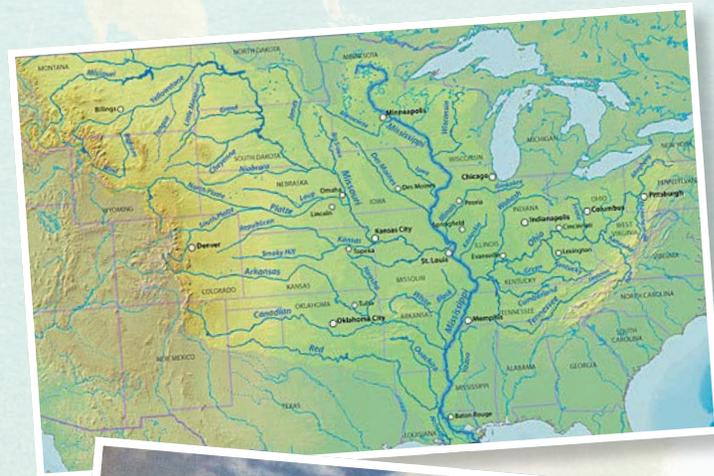
GAME SCHEDULE

Buffalo at Baylor
South Dakota at Kansas
La-Lafayette at Kansas State

West Virginia at Oklahoma
Oklahoma State at UT San Antonio
SE Louisiana at TCU

Texas at BYU
SF Austin at Texas Tech

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,FT,F,FTT,F,FTT,T,F,FT>

WEEK 3 GAMES

Joseph Rohr, OKAGE Teacher
Consultant, Tulsa, OK

GAME SCHEDULE

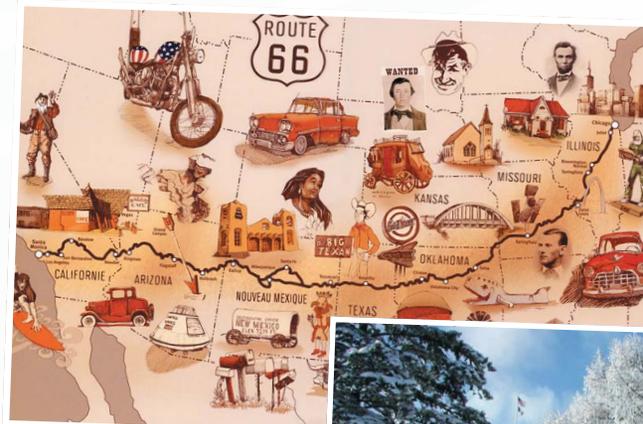
Iowa at Iowa State
Kansas at Rice
UMass at Kansas State

Tulsa at Oklahoma
Lamar at Oklahoma State
TCU at Texas Tech

Ole Miss at Texas
Georgia State at West Virginia

- 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.
- 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 $41^{\circ}57.7'N$, $93^{\circ}23.1'W$?
- 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?
- The University of West Virginia Mountaineers play their home games in Morgantown. The coordinates of its absolute location are $39^{\circ} 37' 45'' N$ and $79^{\circ} 57' 22'' W$. Which number represents the latitude and which the longitude? Write down how a person reads these numbers aloud.
- 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 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)

- 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.
- 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.
- 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.
- 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?

- 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 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 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 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?
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?

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.

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?

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

- 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

- 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?
- 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.
- 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?
- 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?
- 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 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?

Cotton fields near Lubbock, Texas

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.



WEEK 11 GAMES

Joseph Rohr, OKAGE Teacher
Consultant, Tulsa, OK

Oklahoma at Baylor
TCU at Iowa State

GAME SCHEDULE
Kansas at Oklahoma State
Kansas State at Texas Tech

Texas at West Virginia

- 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.
- 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?
- 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?
- 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?
- 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 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?

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 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 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?



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