PRO FOOTBALL HALL OF FAME
TEACHER ACTIVITY GUIDE

2020-2021 EDITION

PRO FOOTBALL HALL OF FAME
CANTON, OHIO

The San Francisco 49ers were charter members of the All-America Football Conference, which began play in 1946. Had it not been for the Browns, who won four championships and lost only four games in the league's four years of operation, the 49ers would have been the AAFC's dominant team. Their cumulative record was an excellent 39-15-2. They handed the Browns two of their four defeats but finished second each year. Even in attendance, the 49ers were second best in the AAFC next to Cleveland.

When the 49ers moved to the NFL in 1950 following the collapse of the AAFC, their original management team -- co-owners Anthony J. Morabito and Victor P. Morabito and general manager Louis Spadia -- remained intact. The 49ers in the 1950s boasted some of the game's great individual stars: quarterbacks Frankie Albert and Y. A. Tittle, running backs Hugh McElhenny, Joe Perry and John Henry Johnson, tackle Bob St. Clair and defensive tackle Leo Nomellini. But the closest they came to a championship in their first two decades of NFL play was in 1957, when they tied Detroit for the NFL Western division crown.

San Francisco flirted with success in 1970, 1971 and 1972, when the 49ers won three straight NFC Western division titles. Every year, they were eliminated by the Dallas Cowboys, in the NFC championship games 1970 and 1971 and in the first playoff round in 1972. In 1971, the 49ers moved their home games from antiquated Kezar Stadium to 68,491-seat Candlestick Park.

A bright new era dawned for the 49ers on March 31, 1977, when Edward J. DeBartolo Jr. became the new team owner. He dedicated himself to transforming a team that never won a league championship into a pro football power. In 1979, DeBartolo selected Bill Walsh, renowned as an offensive specialist, as the 49ers head coach. It took Walsh just three seasons to bring San Francisco its first-ever league championship with a 26-21 win over Cincinnati in Super Bowl XVI. DeBartolo's success earned him a place in the Pro Football Hall of Fame as a member of the Class of 2016.

San Francisco also won the NFC West in 1983 and did even better in 1984 with 18 wins in 19 games and a 38-16 Super Bowl XIX victory over the Miami Dolphins. Walsh concluded his pro coaching career after a last-second 20-16 victory over Cincinnati in Super Bowl XXIII. In 10 years, Walsh compiled a 102-62-1 record and won six NFC West titles and three Super Bowls.

The 49ers of the 1980s were loaded with a group of young superstars including quarterback Joe Montana, receivers Dwight Clark and Jerry Rice, running back Roger Craig and defensive back Ronnie Lott. George Seifert, who replaced Walsh, continued to take full advantage of the existing talent. Careful personnel planning paid off as capable new players were on hand when veteran stars retired. A perfect example is the quarterback position where Steve Young was on hand to replace Montana, who battled a series of injuries before leaving the 49ers.

Seifert's record as the 49ers head man was awesome, with two Super Bowl wins -- a 55-10 win over the Denver Broncos in Super Bowl XXIV and a 49-26 victory over the San Diego Chargers in Super Bowl XXIX.

Now, with Kyle Shanahan leading the team as their Head Coach, the 49ers reached Super Bowl LIV behind the stellar defensive play of Nick Bosa and Richard Sherman and a great offense led by QB Jimmy Garoppolo and TE George Kittle.

Canton, Ohio and the National Football League

Each year, approximately 250,000 fans from all over the world visit the Pro Football Hall of Fame in Canton, Ohio. The museum's guest register reveals that in a year's time, visitors come from all fifty states and from sixty to seventy foreign countries.

Many wonder why the Hall of Fame is located in this small northeast Ohio city. Often, museums are built in locations that have historical significance to their subject matter. The Pro Football Hall of Fame is no exception. Canton's ties to pro football began long before the Hall of Fame was built in 1963. On September 17, 1920, a meeting was held in an automobile showroom in downtown Canton. It was at this time that the American Professional Football Association was formed. Two years later, the league changed its name to the National Football League.

Today, fans follow teams like the Dallas Cowboys, San Francisco 49ers, and the Miami Dolphins. But, in 1920, none of those teams existed. Rather, the NFL had teams like the Columbus Panhandles, Dayton Triangles, Rochester Jeffersons, and the Canton Bulldogs.

The Canton Bulldogs were the first real pro football powerhouse. They won the NFL title in 1922 and 1923 making them the league's first two-time champion.

They were a strong team even before the NFL began because of their star player Jim Thorpe. Thorpe, a Native American Indian, was a tremendous athlete. Not only did he play pro football but he played pro baseball and won two gold medals in the 1912 Olympic Games. Even today, he is considered to be one of the world's greatest athletes of all time.

While the Bulldogs are no longer around, pro football remembers its early days in Canton, Ohio. Visitors, young and old, enjoy the story of pro football's history in the city where the NFL began!

The Legendary Jim Thorpe

It seems that whenever stories are written about an all-time pro football great, Jim Thorpe's name comes up. Jim Thorpe was born in a one-room cabin in Prague, Oklahoma, on May 28, 1888. Though he had some Irish and French blood, he was mostly of Sac and Fox Indian heritage. In fact, his Indian name was Wa-Tho-Huk, which means Bright Path.

Though football was his first love, he gained his greatest fame as a track star, winning the decathlon and pentathlon events in the 1912 Olympics, held in Stockholm, Sweden. King Gustav V of Sweden told Thorpe as he presented him with his medals, "Sir, you are the greatest athlete in the world." But soon afterward, Thorpe was stripped of his records and medals when it was learned that he had played minor league baseball for money in 1911. In 1984 the Olympic Committee decided that this was an unfair interpretation of the then Olympic rules and restored his records and returned his medals to his family.

In 1915, Thorpe's great abilities and fame led Jack Cusack to offer him $250 a game to play football for the Canton Bulldogs. While that may not sound like much, it was twice as much as most players were making back then. Even Cusack's friends warned him that he was paying Thorpe too much. Just the same, Thorpe was everything Cusack had hoped he would be -- a great player and a gate attraction. After missing the first two games of the 1916 season because he was playing pro baseball for the New York Giants, Thorpe joined the Canton squad. With Jim playing halfback, the Bulldogs were unofficial World Champions in 1916, 1917 and 1919. (The Bulldogs' championships are said to be unofficial since no organized pro league existed at the time.)

Many old-timers who actually played against Thorpe claimed he was the toughest man ever to play the game. Legend says that Jim would drop-kick a field goal from the 50-yard line, then turn and kick another 50-yarder in the opposite direction with perfect results-just to show off. Others say he could punt a ball the length of the field. Both are probably exaggerations. In any case, there is no doubt that Thorpe was a superb athlete. All accounts suggest he could run with speed and bruising power. He could pass and catch passes with the best. He could kick with accuracy and strength. And, of course, as players did back then, he played defense too.

By the time the NFL was organized in 1920, the thirty-two-year-old Thorpe, who was already past his athletic prime, was unanimously voted the league's charter president. However, he managed to play eight NFL seasons with six different teams and his gate appeal continued. Though at times he sparkled like the Thorpe of old, he never really excelled as much in the NFL as he had in his earlier career. In 1928, at the age of forty he finally called it quits. In 1950, the nation's press honored Thorpe by being named the most outstanding athlete of the first fifty years of the twentieth century. In 1963, he was elected a charter member of the Pro Football Hall of Fame.

Source: Excerpt from The Official Pro Football Hall of Fame Answer Book by Joe Horrigan, Simon & Shuster Inc., 1990.

If you would like to know more about Jim Thorpe, a good book to read is Jim Thorpe by Bob Wheeler (University of Oklahoma Press, 1979).

Goals/Objectives:
Students will:
- Conduct research on issues and interests by generating ideas and questions and by posing problems. They gather, evaluate and synthesize data from a variety of sources (e.g., print and nonprint displays and artifacts) to communicate their discoveries.
- Use a variety of technological and informational resources (e.g., video, displays, databases) to gather and synthesize information and to create and communicate knowledge.
- Develop an understanding of and respect for diversity in language use, patterns and dialects across cultures, ethnic groups, geographic regions and social roles.
- Use spoken, written and visual language to accomplish their own purposes (e.g., for learning, enjoyment, persuasion and exchange of information).

Common Core Standards:
RI- Key Ideas and Details, Integration of Knowledge and Ideas; W- Text Types and Purposes, Research to Build and Present Knowledge; SL- Presentation of Knowledge and Ideas

Methods/Procedures:
- Students will read the biographical sketch on Joe Montana (next page) as a class and discuss his role in history and the history of pro football.
- Students will compile a list of ten facts about Joe Montana from his bio.
- Students would then be given an assignment to research any 49ers' player and gather ten facts or bits of information on them to share with the class. Students would be encouraged to access the 49ers' official website: 49ers.com.
- Students will write up their information in paragraph form (like the Joe Montana bio) and present the new facts and bits of information that they discovered about their chosen player.

Materials:
- Joe Montana biography
- 49ers.com

Assessment:
- Students will submit the informational essay/report on their chosen 49ers' player.
- Students will deliver a formal presentation on their chosen player that will demonstrate a clear and distinctive perspective on the subject chosen and conveys relevant information and descriptive details.

Joe Montana, selected by the San Francisco 49ers in the third round of the 1979 National Football League Draft, had a stellar career with the 49ers and Kansas City Chiefs. A master of late-game comebacks, Montana directed his teams to thirty-one fourth quarter come-from-behind wins during his illustrious career, including a 92-yard drive in the closing seconds of Super Bowl XXIII.

His uncanny ability to bring a team back from apparent defeat was so common that it simply became referred to as "Montana Magic." A true student of the game, Montana won the NFL's passing title in both 1987 and 1989. He topped the National Football Conference (NFC) in passing five times (1981, 1984, 1985, 1987, and 1989).

Thirty-nine times he passed for more than 300 yards in a game, including seven times in which he surpassed 400 yards. At the time of his retirement, his six 300-yard passing performances in the post-season are an NFL record. He also owns the career playoff record for attempts, completions, touchdowns, and yards gained passing.

Eleven times the New Eagle, Pennsylvania, native led his team to the playoffs. Along the way, he captured nine divisional championships and victories in Super Bowls XVI, XIX, XXIII, and XXIV. His outstanding play in Super Bowls XVI, XIX, and XXIV earned him Most Valuable Player honors in each game.

Named All-NFL three times and All-NFC on five occasions, Montana was voted to the Pro Bowl eight times, which was a league record for a quarterback at the time. In 1992, after missing 31 consecutive games due to an injury to his throwing arm, Montana made a dramatic comeback. In the second half of the regular season finale, a Monday Night Football offering vs. the Detroit Lions, Montana performed his magic of old, completing 15 of 21 passes for 126 yards and two touchdowns as the 49ers defeated the Lions 24-6.

In 1994 Montana became just the fifth quarterback to pass for more than 40,000 yards in a career. At the time of his retirement, he ranked fourth in career passing yardage (40,551 yards), attempts (5,391), and passing touchdowns (273). His 3,409 completions ranked third all-time, and his career passer rating of 92.3 was second all-time. Montana was elected to the Pro Football Hall of Fame in 2000.

Goals/Objectives:
Students will:
- Improve math skills by applying basic functions to the game of football.
- Learn basic football facts and game terms.
- Utilize statistics of NFL football players and teams for computing math problems.
- Research statistics of selected NFL football players and teams for use as alternative information in certain math problems.

Common Core Standards: Operations and Algebraic Thinking; Number Operations in Base Ten; Measurement and Data

Methods/Procedures:
- Students will complete the math worksheets provided on the following pages related to the game of football. They may work independently or with others. Feel free to make adaptations in players and teams to suit your students. Answers to the following worksheets are found in the back of this publication.
  - * Conversions in Football (CCS: Measurement and Data)
  - * Super Bowl Thunder (CCS: Number Operations in Base Ten; Measurement and Data)

Materials:
- Pencil
- Scrap paper for working problems
- Calculators if permitted
- Worksheets

Assessment:
- Students will be assessed on accuracy of responses.

Directions: Complete the following problems, be sure to show all of your work on a seperate sheet of paper.

1. Jerry Rice recorded 19,247 yards while with the 49ers. How many feet is that? _____

2. In 2016 Phil Dawson made a 50-yard field goal. How many inches is that? _____

3. Tevin Coleman, Raheem Mostert & Matt Brieda rushed for a total of 1,939 yards in 2019. How many miles is that? _____ Round to the nearest tenth. *(Hint: 1 mile = 1,760 yards)

4. In 2019 George Kittle led the 49ers in receiving with 1,053 yards. How many feet is that? _____

5. The 49ers have the ball on their own 25-yard line and they complete a 45-yard pass. They then lose 4 yards on the next play. What yard line are they now on? _____

6. Jimmy Garoppolo threw a 54-yard pass. How many inches did he throw? _____ How many centimeters?_____ Hint: 1 inch = 2.54 centimeters

7. A football field measures 100 yards from goal line to goal line. A field is 53 1/3 yards wide. Convert these measurements to feet. _____ _____

8. If an NFL player weighs 303 pounds. How much does he weigh in ounces? _____

9. A game normally lasts 60 minutes. During a 17-game season, how many total minutes does one team play? _____

10. There are seven officials on the field for every NFL game. If 16 games are played each week, what is the total number of officials officiating throughout the NFL each week? _____

Directions: Answer the following questions using the 49ers' Super Bowl roster on the following page.

1. Who was the oldest player on the team?

2. What number was Richard Sherman?

3. How many wide receivers (WR) were there?

4. How many players had 10 or more years of NFL experience?

5. How many quarterbacks (QB) were listed?

6. Who was the only player to attend Eastern Illinois?

7. Who was the heaviest player on the team?

8. Who was the lightest player on the team?

9. What position did number 84 play?

10. Add up the total weight of all the running backs and full backs (RB and FB).

San Francisco 49ers Roster Super Bowl LIV Roster

#	NAME	POS	HT.	WT.	AGE	EXP.	COLLEGE
51	Al-Shaair, Azeez	LB	6'2	228	22	R	Florida Atlantic
56	Alexander, Kwon	LB	6'1	227	25	5	Louisana State
91	Arnstead, Arik	DL	6'7	290	26	5	Oregon
3	Beathard, CJ	QB	6'2	215	26	3	Iowa
97	Bosa, Nick	DL	6'4	266	22	R	Ohio State
84	Bourne, Kendrick	WR	6'1	190	24	3	Eastern Washington
22	Brieda, Matt	RB	5'11	195	24	3	Georgia Southern
60	Brunskill, Daniel	OL	6'5	300	26	1	San Diego State
99	Buckner, DeForest	DL	6'7	295	25	4	Oregon
26	Coleman, Tevin	RB	6'1	210	26	5	Indiana
96	Day, Sheldon	DL	6'1	285	25	4	Notre Dame
82	Dwelley, Ross	TE	6'5	235	25	2	San Diego
55	Ford, Dee	DL	6'2	252	28	6	Auburn
63	Garland, Ben	OL	6'5	304	31	6	Air Force
10	Garoppolo, Jimmy	QB	6'2	225	28	6	Eastern Illinois
90	Givens, Kevin	DL	6'1	285	22	R	Penn State
9	Gould, Robbie	K	6'0	190	37	15	Penn State
57	Greenlaw, Dre	LB	6'0	230	22	R	Arkansas
36	Harris, Marcell	S	6'0	215	25	2	Florida
43	Helm, Daniel	TE	6'4	255	24	R	Duke
13	James, Richie Jr.	WR	5'9	185	24	2	Middle Tenn. State
35	Johnson, Dontae	CB	6'2	200	28	6	North Carolina St.
44	Juszczyk, Kyle	FB	6'1	235	28	7	Harvard
85	Kittle, George	TE	6'4	250	26	3	Iowa
47	Lee, Elijah	LB	6'2	230	23	3	Kansas State
81	Matthews, Jordan	WR	6'3	215	27	6	Vanderbilt
69	McGlinchey, Mike	T	6'8	310	25	2	Notre Dame
93	Mitchell, Earl	NT	6'3	310	32	10	Arizona
33	Moore, Tarvarius	DB	6'2	200	23	2	Southern Mississippi
41	Moseley, E.	CB	5'11	190	23	2	Tennessee
31	Mostert, Raheem	RB	5'10	205	27	5	Purdue
4	Mullens, Nick	QB	6'1	210	24	2	Southern Mississippi
86	Nelson, Kyle	LS	6'2	240	33	8	New Mexico State
53	Nzeocha, Mark	LB	6'3	235	30	5	Wyoming
68	Person, Mike	OL	6'4	305	31	9	Montana State
18	Pettis, Dante	WR	6'1	195	24	2	Washington
32	Reed, DJ Jr.	DB	5'9	193	23	2	Kansas State
19	Samuel, Deebo	WR	6'0	215	24	R	South Carolina
17	Sanders, E.	WR	5'11	180	32	10	Southen Methodist
25	Sherman, Richard	CB	6'3	205	31	9	Stanford
67	Skule, Justin	OL	6'6	315	23	R	Vanderbily
74	Staley, Joe	T	6'5	300	35	13	Central Michigan
29	Tarrt, Jaquiski	S	6'1	215	27	5	Samford
94	Thomas, Soloman	DL	6'3	280	24	3	Stanford
83	Toilolo, Levine	TE	6'8	268	28	7	Stanford
75	Tomlinson, Laken	OL	6'3	315	27	5	Duke
20	Ward, Jimmie	DB	5'11	195	28	6	Northern Illinois
54	Warner, Fred	LB	6'3	230	23	2	BYU
24	Williams, K'Waun	CB	5'9	185	28	5	Pittsburgh
30	Wilson, Jeff Jr.	RB	6'0	213	24	2	North Texas
6	Wishnowsky, Mitch	P	6'2	220	27	R	Utah
23	Witherspoon, A.	CB	6'3	195	24	3	Colorado
92	Zettel, Anthony	DL	6'4	275	27	4	Penn State

Source: Super Bowl LIV Game Program

Goals/Objectives:
Students will:
- Explain how technology influences the quality of life.
- Discuss how decisions about the use of products can result in desirable or undesirable consequesces.
- Use examples to predict and analyze.
- Recognize that science can only answer some questions and technology can only solve some human problems.
- Describe examples of scientific advances and emerging technologies and how they impact society.

National Standards: Science: 5-Science and Technology

Methods/Procedures:
- The students and teacher will compile a list of objects that accumulate from fans, players and workers at any NFL game.
- Students gather, if possible, concrete examples of listed items.
- Students determine which listed objects can be recycled.
- Through letters, calls, emails, and possibly personally, determine which stadiums recycle and what items they recycle.
- After compiling all three lists, using a mathematical formula, including amount of each product sold, students determine the weight of each recyclable item/team's game and or season through extrapolation.

Materials:
- Students and teacher created item list
- Access to HOF's website at ProFootballHOF.com
- Scales for weighing objects

Assessment:
- Student created tables of items sold, recyclable items, items recycled and total poundage.
- Students will deliver a formal presentation on their findings.
- Teacher posts results and student findings (charts).

Levi's Stadium

Items Sold	Item A	Item B	Item C	Item D
Game 1	Total Weight:	Total Weight:	Total Weight:	Total Weight:
Game 2	Total Weight:	Total Weight:	Total Weight:	Total Weight:
Game 3	Total Weight:	Total Weight:	Total Weight:	Total Weight:

Students may add items, delete items, add games, delete games depending on time constraints.

From Humble Beginnings:
The Story of the 49ers

Goals/Objectives:
Students will:
- Understand the beginnings of football as we know it today.

National Standards: U.S. History: 11 - Era 7: The Emergence of Modern America (1890-1930); 12 - Era 8: The Great Depression and World War II (1929-1945); 13 - Era 9: Postwar United States (1945 to early 1970's); 14 - Era 10: Contemporary United States (1968 to the Present)

Methods/Procedures:
- Students will visit the San Francisco 49ers' website: 49ers.com and the Pro Football Hall of Fame's website: ProFootballHOF.com. A tour through these websites informs students how the 49ers began, who were the early superstars, and who helped the 49ers become what they are today. Students will take notes.
- If the class can take a field trip to Levi's Stadium, students should take notes as they tour.
- Students will complete a one page report on the history of the San Francisco 49ers from the research gathered.
- Students will then present this information (first game, first player drafted, etc.) to the class.

Materials:
- 49ers.com
- ProFootballHOF.com
- 49ers Team History on page 1.

Assessment:
- Students will be able to verbally share with others more about the rich history of the San Francisco 49ers.

Goals/Objectives:
Students will:
- Improve geography skills using football team facts and locations.
- Use map skills with football facts.
- Explore data from NFL players and teams.

National Standards: Geography: 2-Places and Regions; 5-Environment and Society

Methods/Procedures:
- Have students complete the 49ers' Team Travel worksheet

Materials:
- Worksheet: 49ers' Team Travel
- Maps, atlas, online resources
- 2020 San Francisco 49ers' Schedule
- Writing utensils
- Paper or posterboard
- Pushpins and string

Assessment:
- Students will be assessed on accuracy of responses to worksheet: 49ers' Team Travel

49ers' Team Travel

Directions: Using a blank United States map (next page) and a 2020 NFL schedule complete the following activities.

1. Label each individual state.

2. Label each NFL team in its correct city. On a separate piece of paper, list those states which do not have a NFL team.

3. Secure the map to a piece of cardboard to push pins through. Locate Santa Clara, CA and mark it by attaching a string to a pin and placing the pin on Santa Clara, CA.

4. Refer to a copy of the team's schedule for the current NFL season (49ers.com). Using the pins and string, locate and mark your team's away games. How many away games do they play?

5. Determine and keep track of the direction your team traveled to play their away games.

6. Using an online map, determine how many miles the team traveled to each of their away games. How many total miles did the team travel throughout the season?

7. Determine if Santa Clara, CA is in a different time zone than Canton, OH. What is the time difference? If the starting time of a game is 4:00 p.m. in Canton, OH, what time is the game starting in Santa Clara, CA?

8. Keep a log of your team's win-loss record for the season plus the number of points they have scored during each game.

9. Did your team win more home or away games?

10. How many miles is it from Santa Clara, CA to Tampa, FL, site of Super Bowl LV?
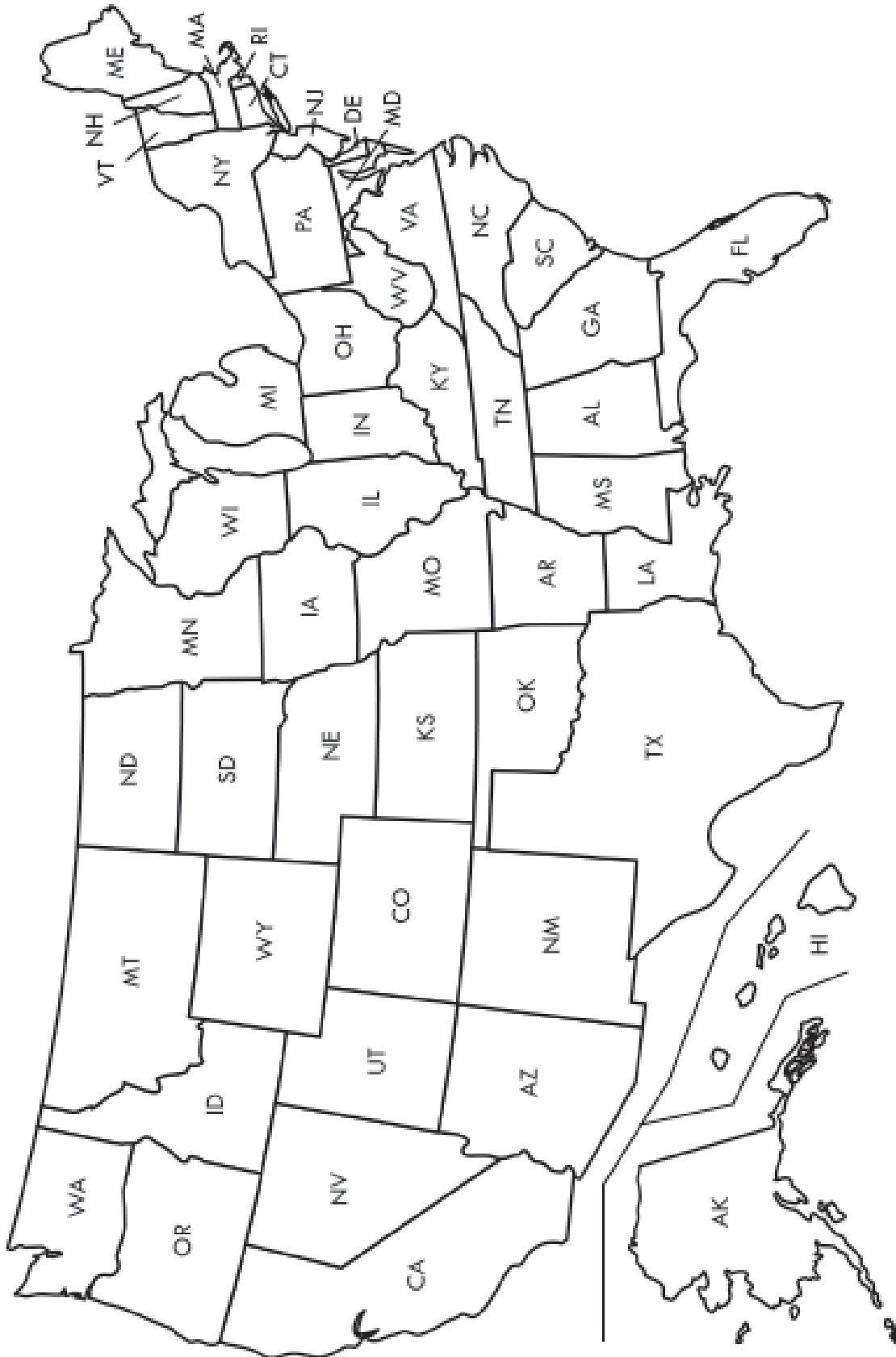
Career Exploration

Goals/Objectives:

Students will:
- Identify NFL careers.
- Conduct an exploratory interview to get an insider's view of a particular career.
- Investigate career opportunities that reflect their interests, abilities, and personality.
- Utilize various sources of career information.

National Standards: FACS: 1 - Career, Community, and Family Connections

Methods/Procedures:

- Have students complete the following career worksheets and activities provided on the following pages:
    * Careers with the 49ers
    * 49ers Career Matching
    * 49ers Career Future

Materials:

- Career worksheets and activity descriptions
- Career reference books including:
    * Dictionary of Occupational Titles
    * Occupational Outlook Handbook (OOH)
    * Guide for Occupational Exploration
    * Occupational Outlook Quarterly
- Computer program "Ohio Career Information System (OCIS)"
- Internet access to career/job/vocation sites (i.e. http://stats.bls.gov)

Assessment:

- Students will be assessed on performance and accuracy of responses.

Careers with the 49ers

Name:_____

There are hundreds of jobs in and around the 49ers in addition to being an athlete. See if you can think of one job for each letter in the alphabet.

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

K. _____

L. _____

M. _____

N. _____

O. _____

P. _____

Q. _____

R. _____

S. _____

T. _____

U. _____

V. _____

W. _____

X. _____

Y. _____

Z. _____

49ers Career Matching

Name:_____

Directions: Match the careers on the left with the correct definition on the right:

_____ Players Agent

A. Good with computers and networking. Oversee all technology applications for teams.

_____ Game Official

B. Requires a keen eye, fast reflexes, stamina, self-control, and knowledge of rules and ability to make quick and correct decisions.

_____ Sports Photographer

C. Has a strong science background with an emphasis on anatomy and physical therapy for athletes.

_____ Sports Psychologist

D. Makes sure the stadiums and arenas are operable and safe for both players and fans.

_____ Facilities Manager

E. Participates in contract negotiations, arranges personal appearances and sets up endorsements for commercial products.

_____ Director of IT

F. Advises athletes on how to eat to perform their best.

_____ Official Statistician

G. Expert in mathematics, bookkeeping, statistics and operating a computer.

_____ Scout

H. Artist who uses a camera to capture the single action of an individual's successes as well as defeats.

_____ Athletic Trainer

I. Evaluates potential players as well as next week's opponents.

_____ Sports Nutritionist

J. Helps athletes cope with pressure.

Name:_____

The NFL can offer a ticket to fame and fortune. However, only a small percentage of people actually become professional athletes. Even those who do must some day retire and begin new careers Education is the key to the future.

Think about the types of NFL career possibilities that exist for a person with your interests, abilities, and personality. Project yourself into the future and choose one occupation that interests you. Answer the following questions using any resources available (parents, relatives, career mentors, teachers, guidance counselors, Internet and printed material).

• What education and training would I need?

• What skills and aptitude should I have?

• Is there an age requirement? If so, what is it?

• What would my work environment be like?

• What hours would I spend on the job?

• What is the starting salary?

• What are the opportunities for advancement in this line of work?

• What are the benefits of the career?

• What is the dress code?

• What specific duties would I perform?

• What are the advantages and disadvantages of the job?

Now that you know more about the career, is it still something you would like to pursue?
Why or Why not?

Goals/Objectives:

Students will:
- Create an original frontal design for a jersey, employing color choices, fabric/clothing details and lettering design. This lesson focuses on use of contrast, center of interest and balance.

National Standards: Visual Arts: 1-Understanding and applying media, techniques and processes

Methods/Procedures:

- Fold drawing paper in half, short sides together, to create a center line. This line will be used as guide when drawing the neckline and number.
- Using pencil and ruler, divide the paper vertically into fourths, using very light guidelines. These lines represent approximate areas where sleeves are sewn onto the sides of the body.
- Decide on the thickness of sleeves, drawing them to extend to the outside edges of the paper.
- Sketch the neckline – standard jerseys usually have v-necks, but use another shape if you like.
- Add detailing – clothing that must endure the rigors of a contact sport usually has double stitching for strength. This can be shown at the sleeves, bottom and any other area you choose.
- Determine a color pattern – borrow colors from the 49ers or create your own combinations. No more than two or three colors are necessary. Highlights of black and white are often used on jerseys in conjunction with one or two other colors. Use your color pattern to create bands on the sleeves, neckline and other areas as desired. Colors should have good contrast that allows the design to be visible from a distance, especially the number(s).
- Use the fold line to help you center the number you chose. Examples of block letters are shown on the accompanying illustration, but be as creative as you'd like. Jersey numbers are often "shaded" with a second colors. Frequently, smaller numbers are sewn to the shoulders. From this viewpoint, only part of the shoulder numbers would be visible.
- Add a tag inside the neckline to show the size. Jerseys often have outside tags on the lower portion of the body that show the manufacturer's name. This would be an ideal are to sign your name or create a company with your initials. Add any other detail you would like.
- If desired, cut out your jersey and mount on a contrasting color.

Materials:

- White or manila drawing paper, 12" x 18" or 9" x 12"
- Drawing pencil/eraser
- Ruler or straightedge
- Colored pencils, markers, crayons or other coloring media

Assessment:

- Ask the student to write an advertisement for his/her jersey, describing the type of fabric that would be used, why the color choices are successful, the durability of the shirt, other details that were used, and the approximate price of the shirt.

49ers Jersey Design

567
89
012
34
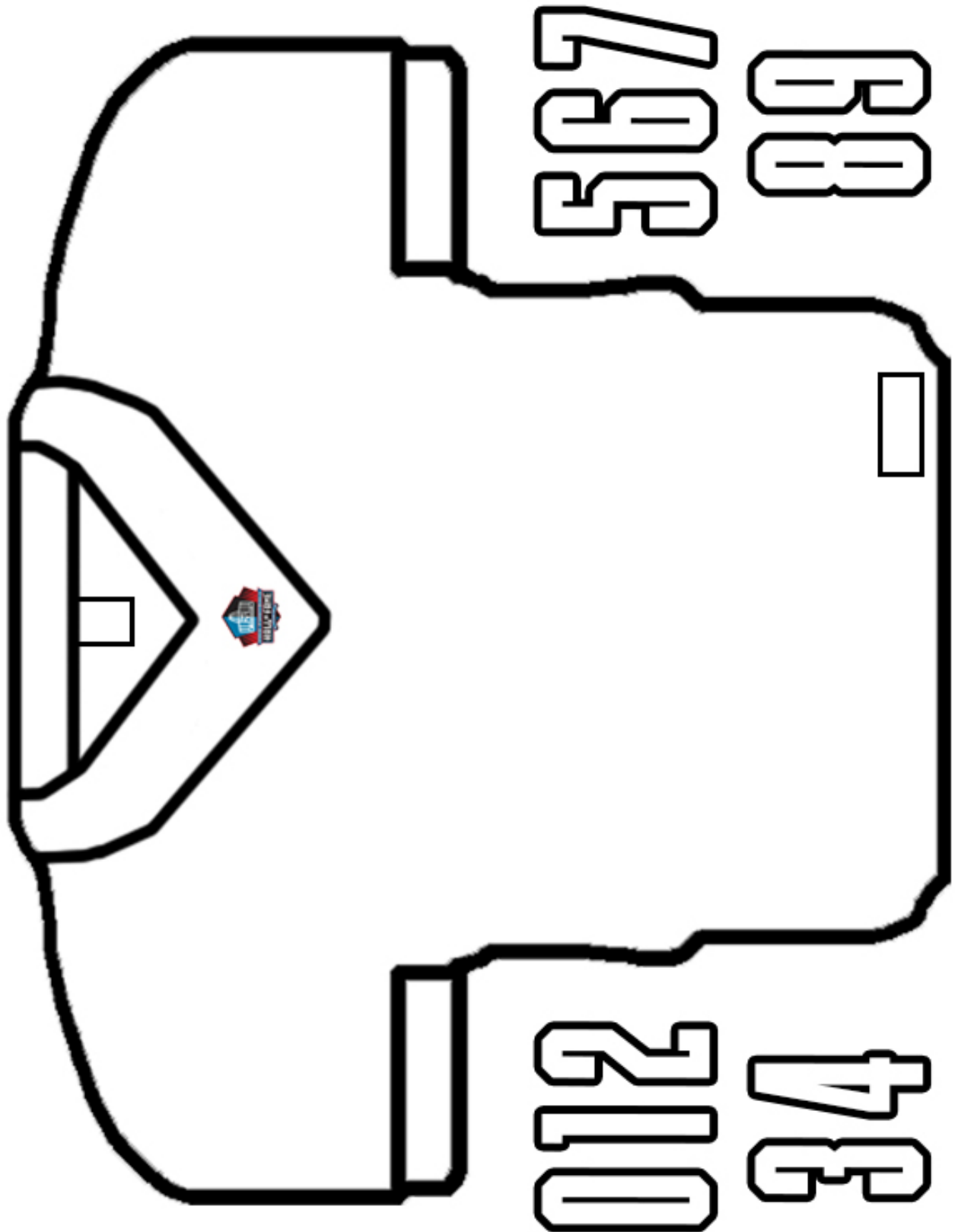
The Internet and Football

Goals/Objectives:
Students will:
- Identify the Internet as a viable source for information and research.
- Identify key phrases and words in searching the Internet for football related information.
- Identify various and reliable Internet sites.
- Identify main points of article.
- Effectively analyze Internet sites

National Standards: Technology: 2-Issues; 3-Technology Productivity Tools; 4-Technology Communication Tools; 5- Technology Research Tools, 6-Technology Problem Solving

Methods/Procedures:
- Students complete the worksheets provided on the following pages in this section concentrating on one activity at a time.
- Teachers are encouraged to adjust, adapt, and alter activities to suit class needs.
- Answers are located in the back of this publication.
  * ProFootballHOF.com
  * 49ers.com
  * Additional Internet Sites
- Students would be encouraged to access the Hall's official site: ProFootballHOF.com. On this site students can examine articles to analyze and discuss.
- Students can present the information gathered from the lessons to the class.

Materials:
- Internet Activity Sheets
- 49ers.com
- ProFootballHOF.com
- Access to the school and/or public library as well as a computer center

Assessment:
- Students will be assessed based upon completed worksheets and/or presentations

Name: _____

Directions: After finding your way to the Pro Football Hall of Fame website, find the answers to the following questions.

1. What are the three reasons the Pro Football Hall of Fame is located in Canton, Ohio?

   A. _____

   B. _____

   C. _____

2. In the "Football History" section, find one story about the 1980's. Summarize the article below.

3. Under "NFL History and Stats," list two players talked about in "African Americans in Pro Football."

   A. _____

   B. _____

4. Who were the Modern-Era enshrinees in the Class of 2020?

   A. _____

   B. _____

   C. _____

   D. _____

   E. _____

5. One jersey number has been worn by more Hall of Famers (13) than any other number. Which number is it? _____

Name: _____

Directions: After accessing the website 49ers.com, find the answers to the following questions:

1. Who founded the San Francisco 49ers?

2. In what year were the San Francisco 49ers founded?

3. How many games did the 49ers win in their first season 1946?

4. Who is the San Francisco 49ers Mascot?

5. Name three 49ers inducted into the Pro Football Hall of Fame.

   A.

   B.

   C.

6. Find one article on the site. Summarize that article below.

The following websites can be accessed for additional information for your students.

www.usatoday.com

www.espn.com

www.cbssports.com

www.sportsillustrated.com

www.nfl.com/superbowl

Even Jimmy Garoppolo Had to Start Somewhere

Goals/Objectives:
Students will:
- Correlate the fitness concepts of strength, agility, flexibility, and endurance to basic yet specific forms of exercise.

National Standards: Physical Education: 2-Movement Concepts, Principles, Strategies, and Tactics; 3-Physical Activity; 4-Physical Fitness; 6-Values Physical Activity

Methods/Procedures:
- Students will be asked to discuss and list basic exercises that can be done to improve one's muscular strength, agility, flexibility, and muscular endurance.
- Basic Exercise Examples
  - * Muscular Strength   Push-ups, Sit-ups (Few Repetition), Chin-ups, Pull-ups, Squat thrust, Bench dips
  - * Agility   Line jumps (forward, backward, side to side, scissors), One Foot hop
  - * Flexibility   Standing toe touch, Standing V stretch, Butterfly, Seated toe touch, Seated V stretch, Inverted hurdles stretch
  - * Endurance   Push-ups, Sit-ups, Chin-ups, Squat thrust, Bench dips, Walking, Jogging (slow, medium or fast) Jump rope (Many Repetitions)

Materials:
- Notepad/paper and pencil/pen
- Blackboard or Dry mark board
- Access to computer

Assessment:
- Students will be assessed on their participation in activities.

Conversions in Football

1. 57,741 feet
2. 1,800 inches
3. 1.1 miles
4. 3,159 feet
5. 34 yard line of opposing team
6. 1,944 inches, 4937.76 centimeters
7. 300 feet long, 160 feet wide
8. 4,848 ounces
9. 1,020 minutes
10. 112 officials

Super Bowl Thunder

1. Robbie Gould
2. 25
3. 6
4. 4
5. 3
6. Jimmy Garoppolo
7. TIE: Justin Skule / Laken Tomlinson - 315 LBS.
8. Emmanuel Sanders - 180 LBS.
9. Wide Receiver (WR)
10. 1,058 LBS.

Careers with the 49ers
Possible Answers

A = Agent
B = Broadcaster
C = Coach
D = Doctor
E = Equipment Manager
F = Field Judge
G = Groundskeeper
H = Head Linesman
I = Intern
J = Journalist
K = Kinesiologist
L = Lawyer
M = Mascot
N = Nutritionist
O = Owner
P = Photographer
Q = Quarterback Coach
R = Referee
S = Scout

T = Trainer
U = Umpire
V = Vendor
W = Writer
X = X-Ray Technician
Y = Yoga Instructor
Z = Zeppelin Driver

49ers Career Matching

E- Players Agent
B- Game Official
H- Sports Photographer
J- Sports Psychologist
D- Facilities Manager
A- Sports Promoter
G- Official Statistician
I- Scout
C- Athletic Trainer
F- Sports Nutritionist

49ers.com

1. Anthony J. (Tony) Morabito
2. 1946
3. 9
4. Sourdough Sam
5. Answer varies
6. Student's choice

ProFootballHOF.com

1. A. The American Professional Football Association, was founded in Canton in 1920.
   B. The Canton Bulldogs were an early day pro football power. First two-time champion of the NFL. Jim Thorpe played for Bulldogs.
   C. Canton citizens launched a determined and organized campaign in the 1960's to earn the site.
2. Answer varies
3. Answer varies
4. Steve Atwater, Isaac Bruce, Steve Hutchinson, Edgerrin James, Troy Polamalu
5. 22