#### Course

Health Science

#### Unit XI

Occupationally Specific Knowledge and Skills

# Essential Question

How do health care skills help to promote health and prevent disease?

#### **TEKS**

130.204 (c) 5A,

# Prior Student Learning

Understanding of the alphabet and sequential thinking.

**Estimated time** 1.5 – 3 hours

#### **Rationale**

Managing health care information involves accurate filing and organization of patient records as part of bioinformatics.

## **Objectives**

Upon completion of this lesson, the student will be able to:

 Organize and arrange patient records according to standard rules for alphabetical and numerical filing

## **Engage**

Birthday Line (Estimated time: 10 minutes)

- To help students focus and concentrate.
- To explore communicating without talking.

This game demands that the students work together to solve a problem without talking at all. It is very important to emphasize that talking is not allowed, and that students must find alternate ways of communicating necessary information about when everyone's birthdays are.

- Have all of the students get in a line in order of their birthdays. The trick is that the students cannot communicate verbally to accomplish the goal.
- You may help the students by telling them where the first person born in January and the last person born in December should stand, but make sure they do not talk!

If the students cannot line up by birthdays, stop the game and ask them for suggestions about how they could accomplish the task.

• Using their fingers to indicate which month they were born in and the date of that month works well. Don't be surprised if some students ask you which number corresponds to their month.

# **Key Points**

- I. Filing is a systematic, orderly arrangement of papers, cards, or other materials for future reference.
- II. Filing systems
  - A. Alphabetical
    - 1. Most common
    - 2. Alphabetized A-Z like a telephone directory
  - B. Numerical
    - 1. Filed by assigned number
    - 2. Requires a cross-index or cross-reference list, i.e. index

card file with patient's name and number. The index card file is filed alphabetically

## C. Geographic

- 1. Filed according to location
- 2. Cities, states, or countries are used as key units
- 3. Charts are filed by area and alphabetized
- D. Subject Material is filed by subject or topic, i.e. diabetes then alphabetized

#### III. Cross-indexes or cross-references

- A. Helps prevent lost and misplaced records
- B. Index cards/Separate files
- C. Colored Paper Example A child with a different last name from financially responsible party.

# IV. Color-coded indexing

- A. Folders are marked with a series of colors according to the letters in a patient's name or assigned number.
- B. A series of two to eight colors are used
- c. Misplaced folders stand out

## V. Procedures for alphabetical filing

- A. Names are indexed place last name first, followed by first name and then middle name or initial
- B. Names of organizations and businesses are usually filed in the same order as they are written.
  - 1. Exception is when the owner's initials form part of the name; then the last name is filed first.
  - 2. Words such as "of, and, at, the, on, a, and an" are not counted as indexing units. Place them next to the word to which they belong, but put in parenthesis.

### C. Alphabetizing Rules

- 1. If last names are the same check the first letter of the first name.
- 2. Single names come before plural names, i.e. Brook before Brooks
- 3. Prefixes are treated as part of the name, not separated; O'Hara is not O and then Hara
- 4. Hyphenated names are considered as one unit
- 5. Familiar abbreviations are treated as though the word was spelled out in full, i.e. St. would be Saint, Mt. Would be Mount
- Geographic locations are used for filing purposes if 2 or more individuals have the exact same name. Geographic order uses state first, then city and finally street address last
- 7. Titles or degrees are usually not considered in filing. They are placed in parenthesis at the end of the name for identification purposes.

- 8. Terms of seniority such as Jr., Sr., II, are used as the last indexing unit, but not considered when filing
- Numbers are indexed as though the number is spelled out. Example: 2nd Street Supply House would be Second Street Supply House
- D. Steps for alphabetical filing
  - 1. Names are checked to ensure accurate indexing.
  - 2. Cards and folders are separated alphabetically
  - 3. Begin with A and proceed through the alphabet
  - 4. Check for accuracy
- VI. Numerical filing Rules
  - A. Numbers proceed from small to large
  - B. Zeroes preceding the number are usually disregarded when filing. Example: 00230 would be filed before number 231
  - C. Terminal or last digit numbering is a system that categorizes charts by their last number. Example 02-41-54,08-92-54,18-99-54, and 19-34-54
  - D. Recheck all files for accuracy

### Activity

- Complete <u>Filing Techniques Activity</u>.
- II. Divide the class into 5 groups. Teacher will distribute blank file folders and ask each group to organize and label files according to their group assignment from the worksheet.
- III. Teacher will take all files and place on a table at the front of the class. Randomly call out a patient's name or number and see if a student can locate the chart. Then reverse the activity and have the student file the chart in the correct drawer. Activity can be expanded to include color-coded indexing.

#### **Assessment**

Accurate filing

#### **Materials**

Filing Techniques Activity
Filing Techniques Activity Key
Blank file folders
Small boxes for file drawers

#### **Accommodations for Learning Differences**

For reinforcement, the student will practice filing technique.

For enrichment, the student will interview medical records personnel to

discover a method to locate misplaced files. Report to class.

#### **National and State Education Standards**

HLC08.02 Ethics and Legal Responsibilities

Health care workers will understand accepted ethical practices with respect to cultural, social, and ethnic differences within the health care environment. They will perform quality health care delivery.

#### **TEKS**

130.204 (c)(5)(A) describe document formats; and

130.204 (c)(8)(I) perform skills specific to a health science professional such as medical assistant, dental assistant, emergency medical technician-basic, phlebotomy technician, and pharmacy technician.

Texas College and Career Readiness Standards English Language Arts

- II. B. Understand new vocabulary and concepts and use them accurately in reading writing and speaking.
- III. B. Develop effective speaking styles for both group and one on one situations.
- IV. A. Apply listening skills as an individual and as a member of a group in a variety of settings.

#### Mathematics

I. A. 1. Compare real numbers.

# Filing Techniques

Alphabetical Filing: For each group of names below, index each name in the space provided. Then place the indexed names in correct filing order.

Group 1 Indexing Order Filing Order
Judy Sainer
Stacy St. John
John S. Stacy
Jill Stadler
Joseph St. Clair
Michael Scott
Lois Scanlon
Bob Scodova
Frederick C. Set
Mike M. Sanborn
John Stanton
Mike Sanborn

Group 2 Henry Russ Rupert C. Rush Herbert Rusk Henry C. Russ Orville D. Rush Tom D. Rush, Sr Robert A. Russell Barbara D. Russell Tom Dean Rush, Jr Michael Rurals Brent T. Rusiska Bonnie F. Russell Kenneth K. Russell Lennie L. Ruster Mable M. Rustert Florence C. Rusher Connie S. O'Rush

Mary Russell-Brown

Indexing Order

Filing Order

Group 3 Indexing Order Filing Order
Third Street Ambulance Supplies
EMS Supply Corporation
4<sup>th</sup> Street Medical Supplies
Mike Smith, DDS, Miami, Florida
American Medical Association
American Nurses Association

A.M. Albian Company

Dr. John's Foot Pads

Mike Smith, MD, Lakeland, Florida

Mike A. Smith, ATR, Arcadia,

Florida

The Company for Medical Supplies

M.A. Smith Pharmacy

Smith Medical Equipment of Miami

Florida

2<sup>nd</sup> Avenue Pharmacy

Group 4 Numerical Order: Place the following numbers in numerical order.

Start with the left hand answer column from top to bottom and then use the right column.

05820	50
0582	0062
5822	555
0058	005821
0005	00555
0085	082
800	080
0850	88000
0567	85200

Group 5. Terminal Number System: Below are two systems of numbers. Divide the numbers into two separate systems (using terminal digits) and then place each system in correct numerical order.

5862-77	5682-77	System 1	System 2
4657-77	4004-77	•	-
4328-65	4328-77		
3333-65	0333-65		
0324-65	3245-65		
2435-65	3425-65		
3891-77	0020-77		
0002-77	0002-65		
0200-77	0033-65		
0020-65	5865-77		

### FILING TECHNIQUES KEY

#### **GROUP 1.**

## Indexing order

Sainer, Judy St. John, Stacy Stacy, John S. Stadler, Jill St. Clair, Joseph Scott, Michael Scanlon, Lois Scodova, Bob Set, Fredrick C. Sanborn, Mike M. Stanton, John Sanborn, Mike

## Filing Order

Sainer, Judy St. Clair, Joseph St. John, Stacy Sanborn, Mike Sanborn, Mike M. Scanlon, Lois Scodova, Bob Scott, Michael Set, Fredrick C. Stacy, John S. Stadler, Jill Stanton, John

O'Rush, Connie S.

Rurals, Michael

#### **GROUP 2**

## Indexing order

Russ, Henry Rush, Rupert C. Rusk, Herbert Russ, Henry C. Rush, Orville D. Rush, Tom D., Sr. Rusell, Robert A. Russell, Barbara D. Rush, Tom, Dean, Jr. Rurals, Michael Rusiska, Brent T.

Rusell. Robert A. Rush, Orville D. Rush, Rupert C. Rush, Tom D., Sr. Rush, Tom Dean, Jr. Rusher, Florence C. Rusiska, Brent T. Rusk, Herbert Russ, Henry Russell, Bonnie F. Russ, Henry C. Russell, Kenneth K. Russel, Kenneth K. Ruster, Lennie L. Russell, Barbara, D. Rustert, Mable M. Russell, Bonnie F. Rusher, Florence C. Russell-Brown, Mary O'Rush, Connie S. Ruster, Lennie L. Russell-Brown, Mary Rustert, Mabel M.

Filing Order

#### **GROUP 3**

## Indexing order

Third, Street, Ambulance, Supplies

EMS, Supply, Corporation

Fourth, Street, Medical, Supplies

Smith, Mike, (DDS) (Miami, Florida)

American, Medical, Association

American, Nurses, Association

Albian, A., M., Company

Dr., John's, Foot, Pads

Smith, Mike, (MD) (Lakeland, Florida)

Smith, Mike, A., (ATR) (Arcadia, Florida)

Company, (The), Medical (For), Supplies

Smith, M., A., Pharmacy

Smith, Medical, Equipment, Miami (of), Florida

Second, Avenue, Pharmacy

#### **GROUP 4**

0005	555
800	00555
50	0567
0058	0582
0062	0850
080	05820
082	005821
0085	5822
88	85200

#### **GROUP 5**

System 1	System 2
0002-65	0002-77
0020-65	0020-77
0033-65	0200-77
0324-65	3891-77
0333-65	4004-77
2435-65	4328-77
3245-65	4657-77
3333-65	5682-77
3425-65	5862-77
4328-65	5865-77

## Filing order

Albian, A., M., Company

American, Medical, Association

American, Nurses, Association

Company (The), Medical (for), Supplies

Dr., John's, Foot, Pads

EMS, Supply, Corporation

Fourth, Street, Medical, Supplies

Second, Avenue, Pharmacy

Smith, M.A., Pharmacy

Smith, Medical, Equipment, Miami (of), FLA

Smith, Mike, (MD) (Lakeland, Florida)

Smith, Mike, (DDS) (Miami, Florida)

Smith, Mike, A., (ATR) (Arcadia, Florida)

Third, Street, Ambulance, Supplies