

Health Systems Jigsaw

Course

Principles of Health Science

Unit

Careers in Health Care

Essential Question

Do I have a place in a health science career?

TEKS

130.202(c)1N, 4A, 4B, 5B, 6A, 6B, 11A

Prior Student Learning

N/A

Estimated time

1-2 hours

Rationale

The health care industry is comprised of diagnostic, therapeutic, informational, and environmental systems that function individually and collaboratively to provide comprehensive health care.

Objectives

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

- review health careers within the diagnostic, therapeutic, informational, and environmental systems; and
- identify the collaborative role of team members between systems to deliver quality health care.

Engage

Ask students about their current career interests. The answers will vary, from students who absolutely know what they want to do to those who have not thought much about it. Ask students what they have done to help them along in their career decision-making process.

Key Points

- I. Medical Careers
 - A. Duties
 - B. Working conditions
 - C. Earnings
 - D. Employment outlook
 - E. Educational requirements
- II. Health Science Pathways
 - A. Therapeutic services – physicians, nursing, rehabilitation
 - B. Diagnostic services – laboratory, imaging
 - C. Health informational services – administration, medical records, public relations
 - D. Support services – engineers, central supply, biomedical
 - E. Biotechnology services – scientist and research

Activity

OPTION I:

- I. Organize into groups of five.
- II. Select and research one health career opportunity from each health science pathway.
- III. Describe and explain the questions found on the **Career Choice Worksheet** using research information found on each career.
- IV. Develop an oral report to describe the five chosen careers.

OPTION II:

- I. Organize into groups of four.
- II. Each group is assigned a health career opportunity from each of the five health care pathways.
- III. Student # 1 – Research the duties and working conditions of the assigned careers.
- IV. Student # 2 – Research the training requirements and educational institutions that offer training in the assigned careers.
- V. Student # 3 – Research and find the average salaries and future employment outlook for the assigned careers.
- VI. Student # 4 – Research the licensure/certification information and professional organizations associated with the assigned careers.
- VII. Each cooperative group develops an oral report to describe the four careers within the health care system, showing similarities and differences.

Assessment

Oral Presentation Rubric

Successful completion of the **Career Choice Worksheet**

Materials

Occupational Outlook Handbook – <http://www.bls.gov/oco/>

H.O.T. Jobs directory - <http://www.texas-hot-jobs.org/>

Accommodations for Learning Differences

For reinforcement, the student will design a poster depicting careers in the five Health Science pathways.

For enrichment, the student will analyze the working relationship between the five pathways to determine the roles of team members in delivering quality health care. Then, develop a chart to demonstrate career interaction.

National and State Education Standards

National Health Science Cluster Standards

HLC05.01 Health care workers will understand how their role fits into their department, their organization and the overall health care environment. They will identify how key systems affect services they perform and quality of care.

HLC09.01 Health care workers will understand how employability skills enhance their employment opportunities and job satisfaction. They will demonstrate key employability skills and will maintain and upgrade skills as

needed.

TEKS

130.202(c)(1)N describe the impact of health services on the economy;

130.202(c)(4)A locate, evaluate and interpret career options and employment information;

130.202(c)(4)B recognize the impact of career decisions, including cause and effect of changing employment situations;

130.202(c)(5)B identify academic requirements for professional advancement such as certification, licensure, registration, continuing education, and advance degrees;

130.202(c)(6)A compare health science careers within the diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems;

130.202(c)(6)B identify the collaborative role of team members between systems to deliver quality health care; and

130.202(c)(11)A identify technological equipment used in each of the five systems and relate findings to identified societal risk factors.

Texas College and Career Readiness Standards

Cross- Disciplinary Standards

Research across the curriculum 1. Understand which topics or questions are to be investigated.

2. Explore a research topic

6. Design and present an effective product

Oral Presentation Rubric

Student: _____ Date: _____

Scoring criteria	4. Excellent	3. Good	2. Needs Some Improvement	1. Needs Much Improvement	N/A
Clearly and effectively communicates the main idea or theme.					
Presenter is self-confident and clearly expresses ideas.					
Presenter answers questions with well thought-out responses.					
Holds audience attention and maintains eye contact.					
Visual aids are clear and add to the presentation.					

NOTE: N/A represents a response to the performance which is "not appropriate."

Career Choice Worksheet

Name: _____ Career Choice: _____

Read **The Nature of Work or Summary** portion about the career you have selected or has been assigned.

- What did you learn that was surprising to you?
- What did you learn that confirmed your previous conceptions?
- What did you learn that was disappointing?
- What did you learn that was exciting?

Read the section on **Working Conditions**.

- Describe one positive aspect of your career choice.
- Describe one negative aspect of your career choice.

Read the section on **Training, Other Qualifications, and Advancement**.

- Briefly discuss the training, advancement, and other qualifications for this career.
- Name any state or national certification or license required for this career.
- Name and describe any special tests you are required to take.
- What other positions might be available in this career?

Read the section on **Job Outlook**.

- What is the job outlook for this career in the future?

Read the section on **Earnings**.

- What is the salary range for this career?

Read the section on **Related Occupations**.

- Name one related occupation that sounds interesting to you.

Read the section on **Sources of Additional Information**.

- Name one organization or group you can write to for more information about the career.