



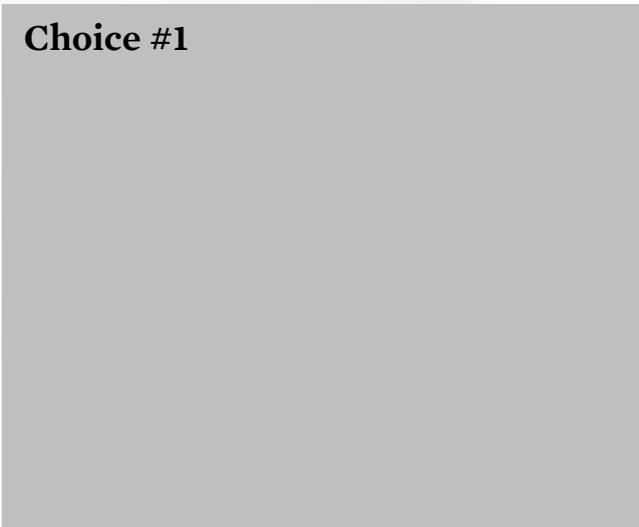
## **Career Gallery Walk**

Take a look at each of these Allied Health professions in the Career Gallery Walk. Document in your editable PDF what you see in each image and the things you wonder as a result of these images.

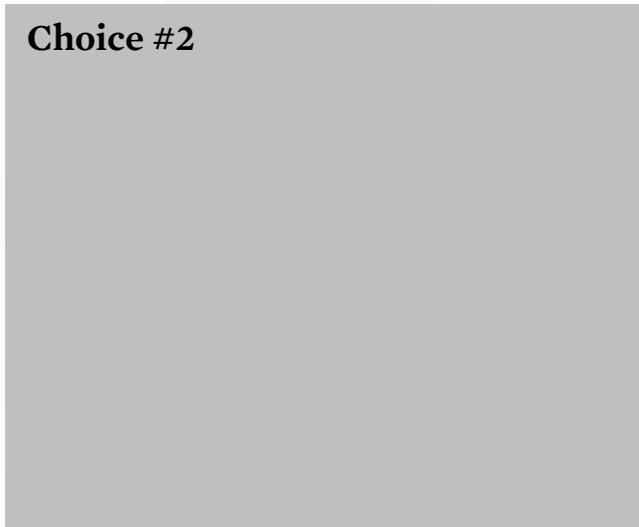
**Answer the following questions.**

**1. Which career did you think was interesting or cool?**

**Choice #1**

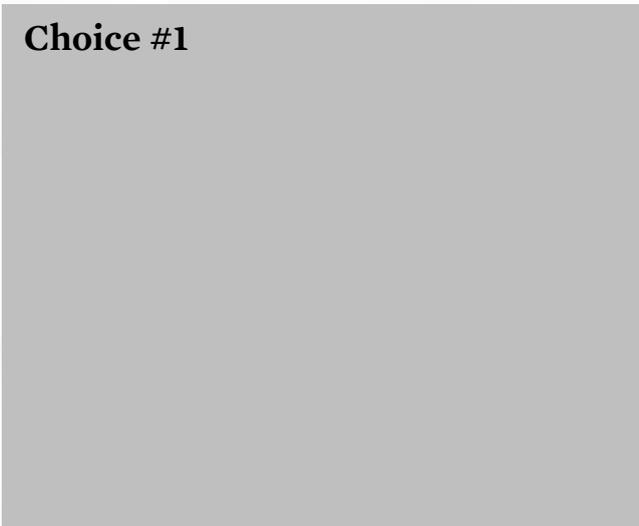


**Choice #2**

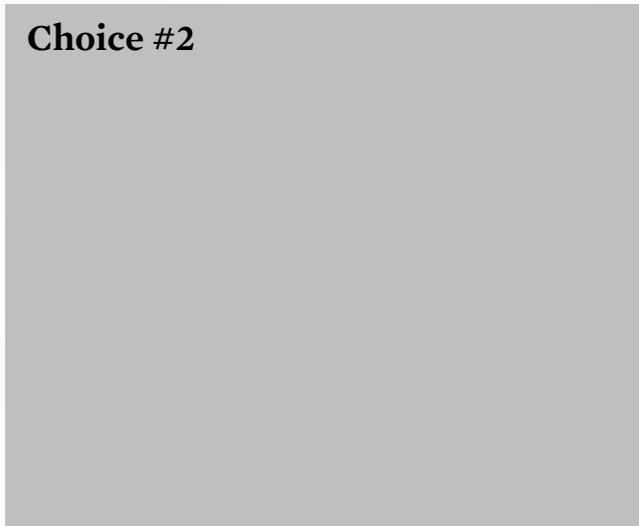


**2. What images surprised you?**

**Choice #1**



**Choice #2**





**3. What questions did the images raise?**

**Choice #1**

**Choice #2**

**4. How do the images compare to what you imagine from popular media like TV, movies, or video games?**

**Choice #1**

**Choice #2**



## **The First Responder**

After watching the video of skateboarding accident, what are some things that could have happened to the skateboarders? By answering this question, you are trying to figure out what happened to the patient to give him or her the best care.



## **D-Chart Communication**

**First responders** must communicate their **observations**, findings, actions, and any other data to the providers at the next level of care for the emergency patient. It is important to take and pass on notes. These notes are standardized—meaning that they follow a form that everyone in emergency services uses.

Imagine you are a first responder to a call about a patient who was in a car accident. Create a scenario using the D-Chart.

### **D Dispatch**

What was reported to you in the emergency call? What info were you given?

### **C Chief Complaint**

What does the patient say is his or her chief complaint? If there is no information, make your best guess.



### **H** History

History includes the patient's age, sex, how the injury happened, any allergies and medications being taken, and other medical history.

### **A** Assessment

Include a statement about how and where you find the patient upon your arrival. Include results from the primary survey (ABC's).

Share results from the secondary survey (head-to-toe exam).



## **R Treatment (Rx)**

Describe all treatments and interventions done in the field.

## **T Transport**

Describe how the patient was transferred and to what location. Record time and patient status.



## **Emergency Ambulance Transport**

Reflect on what you already know about emergency medical technicians (EMTs). Answer at least one set of the following questions:

1. Have you ever been present at an emergency scene or ridden in an ambulance? What were some of the EMT's interventions to help the patient?
2. What do you think EMTs have to be prepared for when they arrive at the scene of an emergency?



## The Respiratory System

Name the five parts of the respiratory **system** and the functions they perform.

Response 1

Response 2

Response 3

Response 4

Response 5



## Respiratory Distress Lab

For this lab, you will find your pulse at rest and after exercise.

**Step 1:** First, find your pulse at rest. Find your pulse on your wrist and count the number of beats for 15 seconds. Record that number.

**Step 2:** Multiply that number by 4 in order to calculate the number of beats per minute and record that number.

This is your pulse at rest. Now let's find your pulse after exercise.

**Step 3:** First, do 30 jumping jacks, and then count the number of beats for 15 seconds. Record that number.

**Step 4:** Now, multiple that number by 4 in order to calculate the number of beats per minute. Record that number.

This is your pulse after exercise.



## **Healthy Brain Versus Injured Brain**

After reviewing the CT scans, record your observations. Record 1–2 details that you noticed about each scan image and description.

1. Healthy Brain

2. Concussion

3. Contusion

4. Penetrating

5. Coup–contrecoup



## Quick Write

The radiologist's report indicates that the patient sustained a contusion as a result of a skateboarding accident in the previous lessons. He has a moderate brain injury. Without the radiologist's skill at reading the pictures from the CT scan, the injury would have remained a mystery.

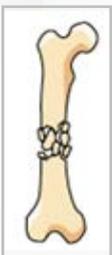
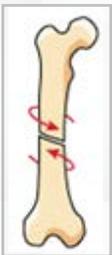
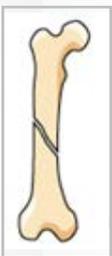
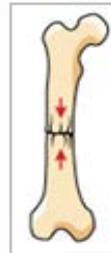
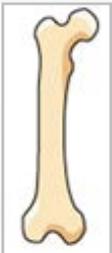
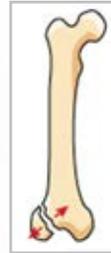
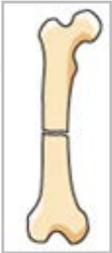
Answer the following questions about your experience being a radiologist.

1. What were some aspects of the radiologist and radiology technician's careers that you found the most interesting?
2. Do you see yourself operating technical equipment in order to perform a CT scan and collect information on a CT scan?
3. What was it like for you to use **INFERENCES** to indicate what type of CT scan you were looking at? Did you enjoy this activity?



## Types of Fractures

After reviewing the types of fractures, see if you can identify the different types of fractures. Type the name next to each picture. When you are finished, check your answers using the rise lesson.





## **Phlebotomist as a Career**

After watching the **Phlebotomist** as a Career video, do you think **Phlebotomist** is a career you would be interested in? Explain why or why not. You can write complete sentences and/or create a list with key words or phrases.



## **Blood!**

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**Phlebotomists** deal with blood as a regular part of their job. They need to be able to handle the sight of blood and needles—and to interact positively with the people they are sticking needles into! Blood is a fascinating substance.

What do you know about blood? You can write complete sentences and/or create a list with key words or phrases.

What do you want to know about blood? You can write complete sentences and/or create a list with key words or phrases.



## **10 Little Known Facts About Blood Video**

After watching the video about the 10 little known facts about blood, what are the most interesting things you have learned about blood? You can write complete sentences and/or create a list with key words or phrases.



## What Is a Blood Transfusion?

Now that you have watched **Agglutination**, the possible danger of blood transfusion, write down the most interesting thing that you learned from this video. You can write complete sentences and/or create a list with key words or phrases.



## How Does Skin Heal?

Now that you have watched the video about suturing a wound, write down three or more important facts about suturing.



## **Take a Stand: Applying Your Lenses to the Physician Assistant Career**

Now that you’ve learned some more about being a physician assistant, take a moment to consider more closely whether or not this career might appeal to you. Did you enjoy learning about the human body and suturing or stitching patients?

If this career appeals to you, you would select a spot close to the “yes” end of the line. Think of it as a 0–100 space where you can fill in all of the quantities in between.

**YES**

**NO**



## **Bacteria and Viruses**

Now that you have reviewed the infographic, answer the following questions:

1. What is an HAI?
2. If you are admitted to a hospital, what is your chance of catching an HAI?
3. How many people get an HAI a year?



4. How many people die annually, or every year, from HAIs?

5. How much do HAIs cost the system?

6. If you were a manager for a surgery floor of a hospital, how would this information affect the decisions that you make? What would you consider in terms of trainings or policies?



## **Contamination!**

Now that you have watched the video about how infectious diseases spread, what is the most important thing not to do to prevent spreading diseases?



## **Take a Stand: Surgical Technician**

Edward shared his lenses on his career. Now it's your turn. Look at this career through your lenses. You are not making any decisions about what you want to be "when you grow up," but rather starting to think about your values and what is important to you as you look at ANY career or educational path. Take a moment to consider more closely whether this career might appeal to you.

If this career appeals to you, you would select a spot close to the "yes" end of the line. Think of it as a 0–100 space where you can fill in all of the quantities in between.

**YES** **NO**



## Careers in Biomechanics

From the careers you viewed on **biomechanics**, select two of the careers that interest you. Think about why these careers may rely on **biomechanics**. Record your response in the following textbox.



## Take a Stand: Physical Therapist

As a PT, you get to learn about a specific branch of science, or **biomechanics**, which literally means “how the body is a machine.” **Biomechanics** is the field of science in which biology and physics meet. PT then get to apply that knowledge to patient assessment and recovery of function and mobility after an injury.

What aspects of this career might you like the most? You will look at this career through your lenses to think about not only physical therapy but also transferrable skills. Take a moment to consider more closely whether or not this career might appeal to you by completing a values self-assessment.

If this career appeals to you, you would select a spot close to the “yes” end of the line. Think of it as a 0–100 space where you can fill in all of the quantities in between.

**YES**

**NO**



## A Proprioceptive Experience

Explore your own **proprioception** by testing your balance with your eyes open and closed! Time yourself completing the four tasks below and record how long you are able to maintain your balance.

- Balance on your right leg with your eyes open.
- Balance on your left leg with your eyes open.
- Balance on your right leg with your eyes closed.
- Balance on your left leg with your eyes closed.



## **Take a Stand: Occupational Therapist Characteristics**

Now that you've learned some more about being an occupational therapist, take a moment to consider more closely whether or not this career might appeal to you by completing the survey.

Rate the characteristics of an occupational therapist on a scale from one to four.

You like working with people.

You are a good listener.

You love to problem-solve, especially when the problem feels impossible.

You are physically strong.

You enjoy being a help to others.

You are extremely organized.

You are a patient person.

You have a lot of compassion for people.

You are very creative.

You can write clear explanations of concepts.

If you answered with mostly threes and fours then the career as an occupational therapist might be a career of interest.









## Mystery Data Activity

In the mystery data exercise, you developed a hypothesis that attempted to explain the observed **trend**. Now, based on your **inferences** about the data, what conclusions can we draw about helmets?



## **Do Helmets Really Work?**

Now that you have watched the video “How Do Helmets Work? Let’s Use Science to Find Out?” answer the following question:

In your own words, how do helmets work?



## **Order It! Top 5 Reasons to Wear a Helmet**

What do you think are the top five reasons to wear a helmet? Order your choices from “most important” to “least important” and explain why?

Visibility to drivers due to reflective material

Protection from weather—sun and rain

Avoid a ticket in the places that have helmet laws

Prevent head injuries

Set an example for others, such as younger kids or siblings



## Allied Health Sciences Reflection

You have spent time learning about careers in Allied Health Sciences. Remember all of the activities that you did and all of the different careers you learned about! For the last piece of this unit, you will take some time to reflect on your work and learning in Allied Health Sciences unit.

Begin by reviewing these questions and thinking about how you would respond. You'll be asked to select a number of them to respond to in writing before presenting your **reflection** Flipgrid.

### Information Technology

- Were you interested in Allied Health Sciences when you started this unit?
- What did you learn about yourself during these lessons about Allied Health Sciences?
- How did your interest in Allied Health Sciences change over the course of your learning?



## Self

- What did you learn about your interests?
- What skills did you build in your skills bank?
- On what skill did you improve? How do you know you improved? Why is the skill important?
- What did you find most interesting and engaging, and what questions do you still have?
- Which of the careers we explored would be a good match based on your **self** lenses?



## **Society**

- What are the important challenges or problems in your community that are important to you?
- How can you help people as a member of this professional community?
- Which of the careers we explored would be a good match based on your **society** lenses?



## Security

- What are the next steps you might take to be “future ready”?
- What choices would you need to make it into this field?
- What skills are important in their field/career?
- What are the next steps you might take to be “future ready”?
- Which of the careers we explored would be a good match based on your **security** lenses?