

Important Pieces to the Healthcare Puzzle

A Deeper Look at Allied Healthcare Professionals for Grades 3-5

Overview

Through discussion, interactive trivia, and a creative puzzle challenge, elementary learners will explore the roles and importance that Allied Healthcare Professionals play in keeping our communities healthy, and perhaps spark a dream of joining that field in the future!

NB Curricular Connections

3-5 Learning Areas

English Language Arts:

- *Strand: Interactions - Big Idea: Exchanges – Skill Descriptor: Respond personally to presentations, oral stories, and a variety of multi-modal text.*

Personal Wellness:

- *Strand: Career Connected Learning - Big Idea: Exploring Potential Career Pathways – Skill Descriptor: Critically investigate and describe the labour market and preferred career pathways.*

Global Competencies



Collaboration



Communication



**Fostering and
Teaching
Self-
Awareness
and Self-
Management**



**Innovation,
Creativity &
Entrepreneurship**

What You'll Need

- Helping Hospital: A Community Helpers book (*By: Lindsay Ward*)
- Printable Allied Healthcare Professional Trivia Cards (*included below, 1 per learner*)
- Allied Healthcare Puzzle printable (*included below, 1 piece per learner*)
- Chart Paper (1 piece)
- Pencils
- Pencil Crayons and/or markers
- Glue stick and/or clear tape (*for completing puzzle*)

Instructions

- 1. Read Aloud – Helping Hospital: A Community Helpers Book:** Before reading, discuss: *“Other than our amazing nurses and doctors, who else works at a hospital?”* Allow learners to share their experiences and their knowledge. Ask: *“If an Allied Healthcare Professional can work at a hospital or health clinic, what are some of the roles that they play in keeping the community healthy?”* Allow learners to respond. *Allied Healthcare Professionals “cover a wide spectrum of health care disciplines” and work alongside of doctors and nurses “to provide diagnostic, technical, and therapeutic services”.* (Horizon Health) Then, read through the book. While there is a story, this book also has many captions and a Search & Find at the back. Feel free to read this book as you see fit (chunks, 1-2 pages per day, etc.). Be sure to place in your classroom library so that learners can see all that is inside!
- 2. Moving Trivia:** Give 1 Allied Healthcare Professional Trivia question and answer card to each learner. Be sure to emphasize that learners may encounter medical vocabulary on the trivia card, but they simply can try their best to read and say it. On your mark, learners will find a partner to ask their trivia question. The tallest person asks first! Once a learner asks a trivia question, they can wait 5 seconds for a response and then the answer can be shared. Repeat. Before moving on, the two learners SWAP their trivia cards and go find a new partner to quiz. Learners are encouraged to ask as many new partners as they can in the time limit that you give them.
- 3. Discussion:** Ask: *“Which Allied Healthcare Professional have you not heard of until today? What were some things that you learned from that trivia? Any new words that you discovered?”* Allow learners time to share their responses.
- 4. Allied Healthcare Professional Puzzle Activity:** [BEFORE ACTIVITY: Cut up the puzzle into individual pieces and scatter the puzzle pieces around the room. Find puzzle attached.] Have students find one puzzle piece – there are 24 in total. If you have more than 24 students, you can give a few students the task of putting the puzzle together. Once students find their puzzle piece, have them print the name of 1 Allied Healthcare Professional and draw one tool that they use daily with pencil or coloured pencil on it. Then, using a piece of chart paper, have students bring up their puzzle pieces and have extra student helpers try to put the puzzle together. What does it make? A hospital! Allied Healthcare Professionals are important pieces of our Healthcare System and without them, a hospital cannot run efficiently, and our community cannot be healthy.
- 5. Research:** Go to the Horizon Healthcare site - <https://horizonnb.ca/careers/career-paths/allied-health/> to see which Allied Healthcare job openings are currently available. Is there a need for these types of careers? YES! Check out these NB Career Profiles:

https://www2.gnb.ca/content/gnb/en/corporate/promo/careers_in_healthcare/allied_health.html. If time permits, visit the COE for Health website and search the listed careers to discover where programs are offered for Allied Health training programs after high school.

Extension Ideas:

- Invite local Allied Healthcare Professionals to speak to you and your learners about their day-to-day experiences. Check out past recordings on COE for Health website of Allied Health Professionals speaking of their careers.
- Honour our Allied Healthcare Professionals by writing letters or sending cards of thanks for all that they do to keep our communities healthy.

Reflection Activity

Please see the attached PDF for several choices on how you and your learners can reflect upon today's activity.

Acknowledgements

1. Horizon Health Network - <https://horizonnb.ca/careers/career-paths/allied-health/>, 2023.
2. GNB - https://www2.gnb.ca/content/gnb/en/corporate/promo/careers_in_healthcare/allied_health.html, 2017.



<p>Who uses ultrasound machines to take pictures of the inside of your body, using sound waves?</p> <p><u>Answer:</u> Medical Sonography Technologist</p>	<p>What is a piece of equipment that a Diagnostic Imaging Technologist may use?</p> <p><u>Answer:</u> X-ray machine</p>
<p>Who prepares unique and specific meals for every patient in the hospital?</p> <p><u>Answer:</u> Chef</p>	<p>Who develops food and nutrition strategies for everyday wellness and to prevent disease?</p> <p><u>Answer:</u> Dietitian</p>
<p>Who does tests and examines the “pee” (urine) in a cup for sickness or disease?</p> <p><u>Answer:</u> Medical Laboratory Technologist</p>	<p>What does a phlebotomist collect from a patient for laboratory testing?</p> <p><u>Answer:</u> blood</p>
<p>Who will assess, diagnose, and provide treatment for hearing loss and hearing disorders?</p> <p><u>Answer:</u> Audiologist</p>	<p>Who is first to the scene of an emergency?</p> <p><u>Answer:</u> Paramedic</p>
<p>If you play sports and you get an injury from playing, which Allied Healthcare Professional might you visit?</p> <p><u>Answer:</u> Physiotherapist</p>	<p>Respiratory Therapists work with patients who may be having trouble doing what?</p> <p><u>Answer:</u> Breathing</p>



<p>? Who provides treatment for loss or disorders of speech, language, and voice?</p> <p><u>Answer:</u> Speech-Language Pathologist</p>	<p>? Who studies human behaviour and how humans think?</p> <p><u>Answer:</u> Psychologist</p>
<p>? What is one test that a Nuclear Medicine Technologist might give to a patient?</p> <p><u>Answer:</u> Bone Scan, Lung Scan, or Cardiac Stress Test</p>	<p>? Medical Equipment Technologists are responsible for maintaining and repairing what?</p> <p><u>Answer:</u> Medical Electronic Equipment</p>
<p>? Electro neurophysiology Technologists record and study the electrical activity of this major body organ?</p> <p><u>Answer:</u> Brain</p>	<p>? Who manages patients' health records and analyzes data that comes from them?</p> <p><u>Answer:</u> Health Information Management Professional</p>
<p>? What are the tests called that Magnetic Resonance Technologists perform that create high quality images of the inside of the body using magnetic fields?</p> <p><u>Answer:</u> MRIs (magnetic resonance imaging)</p>	<p>? Who helps patients return to daily tasks, work, and hobbies after physical or mental challenges?</p> <p><u>Answer:</u> Occupational Therapists</p>
<p>? From now until 2027, how many job openings will there be in the healthcare sector?</p> <p><u>Answer:</u> 23,000</p>	<p>? What percentage of all healthcare jobs are in Allied Health fields?</p> <p><u>Answer:</u> 60%</p>



<p>? Who provides treatment if you have difficulty swallowing?</p> <p><u>Answer:</u> Speech-Language Pathologist</p>	<p>? Who provides treatment to patients experiencing extreme dizziness or loss of balance?</p> <p><u>Answer:</u> Audiologist</p>
<p>? A Radiological Technologist performs CAT scans, but these scans are not for animals. What does CAT stand for?</p> <p><u>Answer:</u> Computed Axial Tomography (uses x-rays to take images inside of the body)</p>	<p>? What piece of equipment do Medical Laboratory Technologists use the most in their line of work?</p> <p><u>Answer:</u> Microscope</p>
<p>? Which Allied Health Professional helps patients dealing with asthma?</p> <p><u>Answer:</u> Respiratory Therapists</p>	<p>? Who seeks to create positive change in individuals, families, and communities through counselling and programming?</p> <p><u>Answer:</u> Social Worker</p>
<p>? What might a Medical Sonography Technologist examine and then print a picture of for their patient to take home with them?</p> <p><u>Answer:</u> Unborn Baby (Ultrasound)</p>	<p>? AB Negative is the rarest form of _____ that a Medical Laboratory Technologist will receive from a patient.</p> <p><u>Answer:</u> Blood Type (0.5 % of Canadians)</p>
<p>? Bob broke his leg in several places and his cast has come off. Who will he see to help regain the strength and movement in his leg?</p> <p><u>Answer:</u> Physiotherapist</p>	<p>? Who will you see if your doctor suspects that you have broken a bone?</p> <p><u>Answer:</u> Diagnostic Imaging Technologist</p>

