

# HOTT Activities



Lesson Plan

## Health Careers Board Game Name: \_\_\_\_\_

**Date:** 6-11-12

**Professions:** All health professions

**Grade Level:** 9-12

*All HOTT lesson plans are designed with the purpose of increasing students' awareness of the variety of health careers that are available to them. If possible, invite the corresponding health professional into your classroom to discuss his/her occupation. If this is not an option, use the attached sheet(s) to share this/these career(s) with your students.*

**Purpose:** To inform students of healthcare career opportunities.

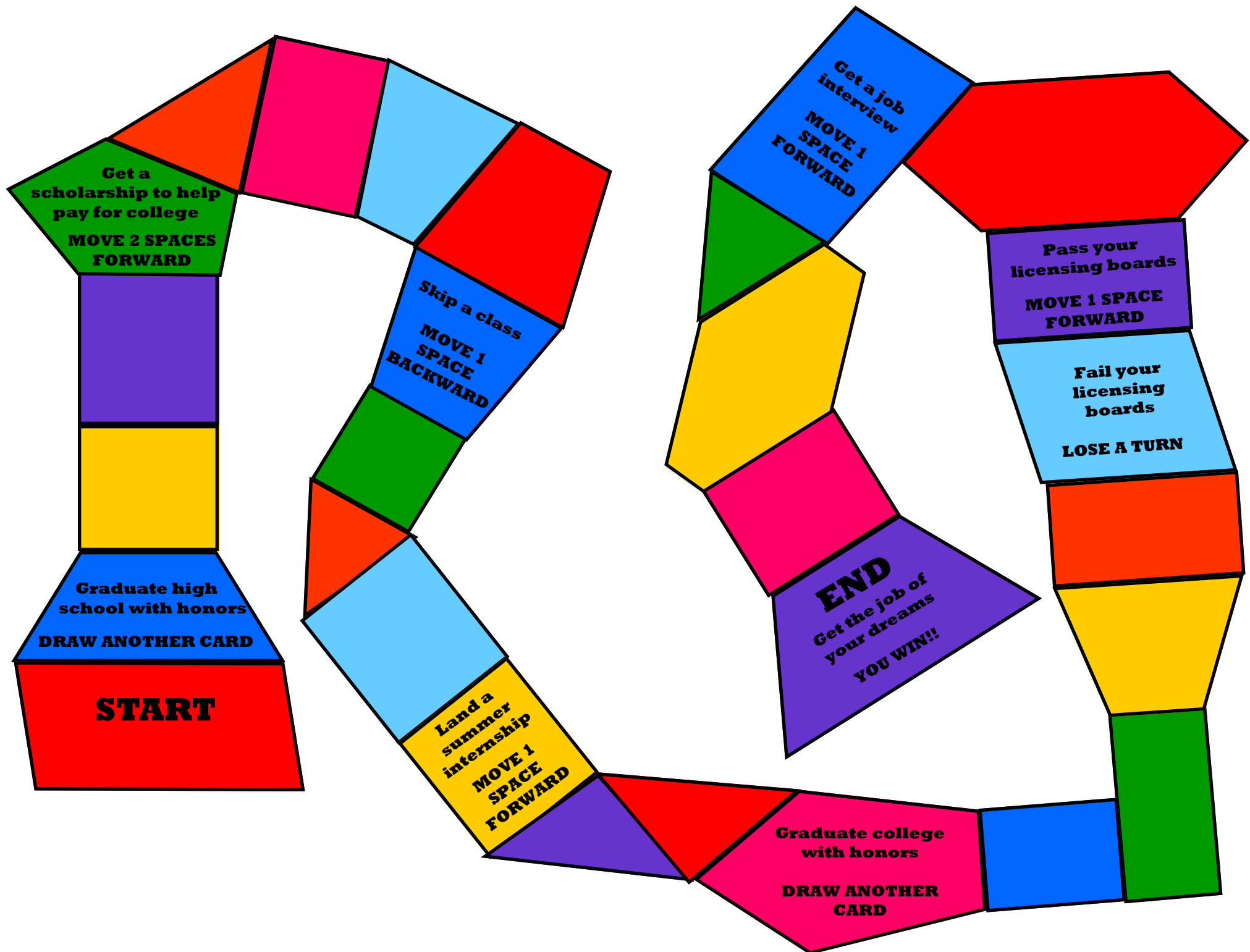
### Materials needed:

- Game board – attached
- Trivia cards – attached
- Small game piece for each player (ex. Penny, paperclip, jellybean)

**Duration:** 30 - 45 minutes

### Instructions:

- Print out game boards.
- Print out questions and cut them out. Shuffle a few times and place them face down next to the game board.
- The game is made for 2-4 players per board, so make sure you have enough copies of the game board and the questions for all groups.
- Separate students in groups of no more than 4.
- Each student in the group needs a different game piece. Place them all on the "Start" space.
- Then choose one student to go first and proceed clockwise after that.
- The player to the left of the student going first draws a question card from the top of the stack and reads it to the first player. The question cards have the question in black (top), the answer in red (middle), and the directions on how many spaces to move in blue (bottom).
- The first player then gives their answer. Using the directions in blue, have the player move as directed. If they answer correctly they should be moving forward. If they answer incorrectly they should be moving backward or staying on their current space.
- Repeat these actions for the next player and so on.
- Some of the spaces on the board have directions on them. If a player lands on one, read the directions and follow them. If a player lands on a "draw another card" space, the player is read another card immediately. If a player lands on the "lose a turn" space the player will be skipped on their next turn. If a player lands on the "move forward" or "move backward" spaces do so immediately.
- A player wins when they reach the "end" space. Players do not need to land exactly on the end space to win (ex. If a player is 2 spaces from the "end" space and gets a question correct that tells them to move forward 4 spaces, they are still the winner).
- If possible do not reuse questions within a game.





<p>What is another name for the hardened plaque that can only be removed by your dentist or dental hygienist?</p> <p><b>Tartar</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, stay on current space.</p>	<p>How many dental schools are there in the United States?</p> <p><b>55</b></p> <p>If answered 55, move 8 spaces forward. If answered within 20, move 5 spaces forward. Any other answer, stay on current space.</p>
<p>What health professional's duties include taking x-rays of patient's teeth and cleaning their teeth?</p> <p><b>Dental hygienists</b></p> <p>If answered correctly move forward 3 space. If incorrect, move 1 space backward.</p>	<p>What vitamin plays an important role in the eyes adaptation to dim light?</p> <p><b>Vitamin A</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>
<p>What health professional provides most primary vision care? They examine people's eyes to diagnose vision problems and eye diseases.</p> <p><b>Optometrist</b></p> <p>If answered correctly, move 1 space forward. If incorrect, stay on current space.</p>	<p>What is the most common human eye color?</p> <p><b>Brown</b></p> <p>If answered correctly move forward 1 space. If incorrect, move 1 space backward.</p>
<p>What is the only technical school in South Dakota that offers training in Cardiovascular Technology?</p> <p><b>Southeast Technical Institute, Sioux Falls</b></p> <p>If answered correctly, move 6 spaces forward. If incorrect, stay on current space.</p>	<p>How many years must physical therapy assistants attend school?</p> <p><b>2 years</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>
<p>What kind of doctor diagnoses and treats ailments, injuries, and diseases of the foot and lower leg?</p> <p><b>Podiatrist</b></p> <p>If answered correctly, move 7 spaces forward. If incorrect, stay on current space.</p>	<p>What university has South Dakota's only pharmacy program?</p> <p><b>South Dakota State University, Brookings</b></p> <p>If answered correctly, move 1 space forward. If incorrect, stay on current space.</p>

<p>What health professional specializes in the study of normal and impaired hearing?</p> <p><b>Audiologist</b></p> <p>If answered correctly, move 8 spaces forward. If incorrect, stay on current space.</p>	<p>An LPN is a nurse with less training than a registered nurse (RN). What does LPN stand for?</p> <p><b>Licensed Practical Nurse</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>
<p>What is the number of traditional 4-year public and private colleges or universities in South Dakota?</p> <p><b>11</b></p> <p>If answered correctly, move 6 spaces forward. If incorrect, stay on current space.</p>	<p>The health professionals who will soon be retiring from health-related fields are known as what generation?</p> <p><b>Baby Boomers</b></p> <p>If answered correctly move forward 1 space. If incorrect, move 1 space backward.</p>
<p>What specialist is responsible for the nutritional care of individuals and groups?</p> <p><b>Dietician/Nutritionist</b></p> <p>If answered correctly, move 2 spaces forward. If incorrect, stay on current space.</p>	<p>What is the difference between a grant and a loan?</p> <p><b>A loan you must pay back, but a grant does not need to be paid back.</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, stay on current space.</p>
<p>What is the highest composite score you may achieve on the ACT?</p> <p><b>36</b></p> <p>If answered correctly move forward 6 spaces. If incorrect, move 1 space backward.</p>	<p>What cumulative GPA must a student achieve to be eligible for the South Dakota Opportunity Scholarship?</p> <p><b>3.0 (B average)</b></p> <p>If answered correctly, move 2 spaces forward. If incorrect, stay on current space.</p>
<p>What is the average annual cost for an undergraduate attending a public SD university? (Tuition&amp;Fees + Room&amp;Board)</p> <p><b>\$10,500</b></p> <p>If answered \$10,500 move 8 spaces forward. If answered within \$1000 of correct answer, move 6 spaces forward. Any other answer, stay on current space.</p>	<p>What is the name of the public university located in Aberdeen, SD?</p> <p><b>Northern State University (NSU)</b></p> <p>If answered correctly move forward 1 space. If incorrect, move 1 space backward.</p>

<p>What is the number of postsecondary technical institutes in South Dakota?</p> <p><b>4</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>	<p>The MCAT is an exam required for entrance into medical school. What does MCAT stand for?</p> <p><b>Medical College Admissions Test</b></p> <p>If answered correctly move forward 3 spaces. If incorrect, move 1 space backward.</p>
<p>What healthcare professional helps people of all ages maximize their ability to lead independent and productive lives?</p> <p><b>Occupational Therapist</b></p> <p>If answered correctly move forward 5 spaces. If incorrect, move 1 space backward.</p>	<p>What activity is designed to give students an up-close look at the working world, which involves following a professional through a normal day on the job?</p> <p><b>Shadowing</b></p> <p>If answered correctly move forward 1 space. If incorrect, move 1 space backward.</p>
<p>What name is given to a high school class that explores medical terminology, anatomy, and various health professions?</p> <p><b>Health Occupations, Medical Occupations or Health Science</b></p> <p>If answered correctly move forward 3 spaces. If incorrect, move 1 space backward.</p>	<p>What health profession combines biology and medicine with engineering?</p> <p><b>Biomedical Engineering</b></p> <p>If answered correctly move forward 7 spaces. If incorrect, move 1 space backward.</p>
<p>What health professional earns the letters DC after their name upon graduation?</p> <p><b>Chiropractor (Doctors of Chiropractic)</b></p> <p>If answered correctly move forward 5 spaces. If incorrect, stay on current space.</p>	<p>What physician specializes in the diagnosis and treatment of diseases of the skin, hair, and nails?</p> <p><b>Dermatologist</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>
<p>What health professional treats patients with impairments resulting from disease, injury or loss of body part by restoring function, improving mobility and relieving pain?</p> <p><b>Physical Therapist</b></p> <p>If answered correctly, move 6 spaces forward. If incorrect, stay on current space.</p>	<p>What is the minimum number of years a CRNA (certified registered nurse anesthetist) must practice as an RN (registered nurse) before specializing? CRNAs are responsible for putting patients to sleep for surgery.</p> <p><b>1 year</b></p> <p>If answered correctly move forward 5 spaces. If incorrect, stay on current space.</p>

<p>What is the largest organ of the human body?</p> <p><b>The Skin</b></p> <p>If answered correctly, move 7 spaces forward. If incorrect, stay on current space.</p>	<p>What is the most common type of injury seen by an athletic trainer?</p> <p><b>A Sprain</b></p> <p>If answered correctly move forward 4 spaces. If incorrect, move 1 space backward.</p>
<p>What is the largest healthcare occupation? Their duties include treating patients, educating patients and the public regarding medical conditions and providing advice and support to patients and family members.</p> <p><b>Registered Nurse (RN)</b></p> <p>If answered correctly move forward 5 spaces. If incorrect, stay on current space.</p>	<p>How many bones make up the adult human body?</p> <p><b>206</b></p> <p>If answered 206, move 6 spaces forward. If answered within 20, move 4 spaces forward. Any other answer, stay on current space.</p>
<p>How many calories are in a medium coke?</p> <p><b>200</b></p> <p>If answered 200, move 6 spaces forward. If answered within 20, move 4 spaces forward. Any other answer, stay on current space.</p>	<p>Some health profession programs require students to take the GRE to be admitted. What does GRE stand for?</p> <p><b>Graduate Record Examination</b></p> <p>If answered correctly move forward 9 spaces. If incorrect, stay on current space.</p>
<p>What application do you need to fill out to apply for federal student financial aid, such as the Pell Grant, student loans, and college work-study?</p> <p><b>The FAFSA (Federal Application for Federal Student Aid)</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, stay on current space.</p>	<p>What do phlebotomists do?</p> <p><b>Draw blood samples</b></p> <p>If answered correctly move forward 5 spaces. If incorrect, stay on current space.</p>
<p>What is the difference between a medical laboratory technician and a medical laboratory technologist when it comes to schooling?</p> <p><b>Technician-associate's degree (2 years)</b> <b>Technologist-bachelor's degree (4 years)</b></p> <p>If answered correctly move forward 4 spaces. If incorrect, stay on current space.</p>	<p>What healthcare professional works with the guidance of a radiologist in the diagnoses and treatment of disease?</p> <p><b>Radiological Technologist</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>

<p>What kind of physician specializes in women's health, particularly in pregnancy and labor?</p> <p><b>Obstetrician or OB/GYN</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, stay on current space.</p>	<p>What kind of physician specializes in the medical care of infants, children and adolescents?</p> <p><b>Pediatrician</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, stay on current space.</p>
<p>What healthcare professional specializes in the diagnosis, prevention, and treatment of problems with the teeth or mouth tissue?</p> <p><b>Dentist</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>	<p>How many years must a student complete at a chiropractic college to become licensed?</p> <p><b>4</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>
<p>What healthcare professional applies manual techniques to patients to manipulate soft tissue, such as skin, muscles, and tendons?</p> <p><b>Massage Therapist</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>	<p>If you call 911, what healthcare professional arrives in the ambulance?</p> <p><b>EMT or Paramedic</b></p> <p>If answered correctly move forward 6 spaces. If incorrect, stay on current space.</p>
<p>PAs are healthcare providers who practice medicine with physician supervision. What does PA stand for?</p> <p><b>Physician Assistant</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>	<p>What healthcare professionals dispense drugs prescribed by physicians and provide information to patients about their use?</p> <p><b>Pharmacists</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>
<p>What instrument is used by healthcare professionals to listen to patient's heartbeat and other sounds in the body?</p> <p><b>Stethoscope</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>	<p>What type of picture is usually used to identify a broken bone?</p> <p><b>X-ray</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, move 1 space backward.</p>

<p>What is the name of the shape blade often used to cut during surgery?</p> <p><b>Scalpel</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>	<p>What letter is located on the top of a traditional eye chart?</p> <p><b>E</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, move 1 space backward.</p>
<p>If you are brought to the hospital in an ambulance, what area of the facility will you start out in?</p> <p><b>The Emergency Room (ER)</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>	<p>An ____? ____ a day keeps the doctor away.</p> <p><b>Apple</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, move 2 spaces backward.</p>
<p>What percentage of the human body is water?</p> <p><b>60%</b></p> <p>If answered 60%, move 7 spaces forward. If answered within 10%, move 4 spaces forward. Any other answer, stay on current space.</p>	<p>What is used to measure weight?</p> <p><b>Scale</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, move 2 spaces backward.</p>
<p>What medication is used to treat infection caused by bacteria?</p> <p><b>Antibiotic</b></p> <p>If answered correctly, move 3 spaces forward. If incorrect, stay on current space.</p>	<p>What is used by surgeons to sew up a wound?</p> <p><b>Stitches</b></p> <p>If answered correctly, move 4 spaces forward. If incorrect, stay on current space.</p>
<p>Not brushing daily cause's damage to the structure of the teeth which can cause what?</p> <p><b>A cavity</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, move 1 space backward.</p>	<p>What instrument is commonly used in a laboratory to magnify and examine cells?</p> <p><b>Microscope</b></p> <p>If answered correctly, move 5 spaces forward. If incorrect, move 1 space backward.</p>