

Brockton High School Grades 9-12

Careers in Health and Physical Education: Enjoy Learning about these important jobs in Health/Wellness, Physical Education and Safety.

Sports Therapist / Move to Include: Learn about working in sports therapy from Anita O’Brian, a therapeutic recreation specialist. She manages SportsNet at Rochester Rehabilitation in Rochester, New York. She explains how she enables people to participate in a wide variety of therapeutic recreation activities. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/mti17.sports.therapist/sports-therapist-move-to-include/>

Career Connections / Paramedic: Paramedics are health care professionals who are licensed to provide pre-hospital advanced life support including intubation and IV fluid therapy. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/5f1a4309-06e3-41e4-8a78-10e4f476b25c/career-connections-paramedic/>

Career Connections / Pharmacist: Learn from a young pharmacist what a pharmacy career is all about. Hear how he matched his personality to his career path, sought higher education, and, today, values his profession, his company and the people he serves. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/ce1f1f18-48b4-4c3f-ac87-bfdd6450a2e6/career-connections-pharmacist/>

Career Connections / Phlebotomist: Phlebotomists are specially trained to make an incision in a vein with a needle to draw blood from a patient for diagnostic and other medical purposes. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/699afcf1-092a-4954-9c66-53cc42746892/career-connections-phlebotomist/>

Career Connections / Biomedical Engineer: Meet a biomedical engineer, working at the intersection of medicine & engineering, developing innovative tools that measure signals generated by the human body. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/1819bc6b-c34f-40d2-bae8-8f0c83e2d948/career-connections-biomedical-engineer/>

Career Connections / Cosmetology: Hear students speak with professional salon cosmetologists and trainers to learn the benefits of a career in professional cosmetology and the path to get you started. Hear students speak with professional salon cosmetologists and trainers to learn the benefits of a career in professional cosmetology and the path to get you started. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/3f9016a1-8f6b-437d-90db-f04af55d3fe1/career-connections-cosmetology/>

Career Connections / Dental Assistant: Visit a real dental assistance school and speak with career-focused dental instructors about the job demands and career goals for professional dentistry, with and without a degree program. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/6f7b0d62-e8d9-4855-bfff-fb96e61a4d63/career-connections-dental-assisting/>

Career Connections / Culinary Chef: Explore the exciting world of culinary chefs. Viewers will learn about the variety of skills needed to be successful in this dynamic career, from world languages and the fine arts to knowledge of math and science. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/07e208b6-6da7-4435-a6af-4882a0d9ceb7/culinary-chef-career-connections/>

Career Connections / Food Scientist: Meet a guy who started as a curious kid, overcame his fear of chemistry class, discovered a cool career, and is now a food scientist who experiments with vegetables. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/055fe9ce-38f5-420d-a2e9-63c8f2bae853/career-connections-food-scientist/>

Career Connections / Working in a Gym, Owning a Gym: Punch Fitness doesn't just offer cardio hip-hop boxing — it also maintains a sincere commitment to customer service. Experience in business and a college background in communications or exercise science are recommended for this career. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/23a9ca94-25d5-4945-bba8-bb82472f3721/gym-owner-career-connections/>

Career Connections / Occupational Therapist: Occupational therapists are critical in helping patients regain, develop and strengthen essential skills to function in everyday life. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/42215e00-8fcd-4ee9-b429-8d80bcfc7a65/career-connections-occupational-therapist/>

Career Connections / Radiologist: See fascinating images of the human heart with a cardiac radiologist who looks closely at ultrasounds, MRIs, & CT scans to diagnose heart problems. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/01c9683d-4d8e-401f-aec1-4550a229bc9c/career-connections-radiologist/>

Career Connections / Nurse Practitioner: A nurse practitioner is able to diagnose and treat patients, establish a practice, and act independently. A master's degree is required for advanced practice nursing, enabling a person to specialize in family medicine, pediatrics, and much more. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/3c5d5bdb-3892-4283-84a0-4d9fb5caf501/nurse-practitioner-career-connections/>

Laser Eye Surgery: In 1948, Spanish ophthalmologist Jose Ignacio Barraquer Moner was fed up with glasses. He wanted a solution for blurry vision that fixed the eye itself, without relying on external aids. The surgery he eventually devised was called “keratomileusis,” and his technique focused on reshaping the cornea— what we now know as LASIK. So how does laser eye surgery work? Dan Reinstein explains. Enjoy learning about this important procedure. (Grades 9-12)

<https://ed.ted.com/lessons/how-does-laser-eye-surgery-work-dan-reinstein>

Bionic Technology: Hugh Herr is building the next generation of bionic limbs, robotic prosthetics inspired by nature's own designs. Herr lost both legs in a climbing accident 30 years ago; now, as the head of the MIT Media Lab's Biomechatronics group, he shows his incredible technology with the help of ballroom dancer Adrienne Haslet-Davis, who lost her left leg in the 2013 Boston Marathon bombing. Enjoy exploring this amazing health/science field. (Grades 9-12)

<https://ed.ted.com/lessons/g8KC49mB>

Brain Scans: As far as we know, there's only one thing in our solar system sophisticated enough to study itself: the human brain. But this self-investigation is challenging because a living brain is shielded by skull, swaddled in tissue, and made up of billions of tiny cells. How do we study living brains without harming their owners? Elizabeth Waters and John Borghi explain how EEGs, fMRIs, and PETs work. Enjoy exploring this amazing health/science field. (Grades 9-12)

<https://ed.ted.com/lessons/how-do-we-study-living-brains-john-borghi-and-elizabeth-waters>

Sports Therapist / Move to Include: Learn about working in sports therapy from Anita O'Brian, a therapeutic recreation specialist. She manages SportsNet at Rochester Rehabilitation in Rochester, New York. She explains how she enables people to participate in a wide variety of therapeutic recreation activities. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/mti17.sports.therapist/sports-therapist-move-to-include/>

Career Connections / Paramedic: Paramedics are health care professionals who are licensed to provide pre-hospital advanced life support including intubation and IV fluid therapy. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/5f1a4309-06e3-41e4-8a78-10e4f476b25c/career-connections-paramedic/>

Career Connections / Pharmacist: Learn from a young pharmacist what a pharmacy career is all about. Hear how he matched his personality to his career path, sought higher education, and, today, values his profession, his company and the people he serves. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/ce1f1f18-48b4-4c3f-ac87-bfdd6450a2e6/career-connections-pharmacist/>

Career Connections / Phlebotomist: Phlebotomists are specially trained to make an incision in a vein with a needle to draw blood from a patient for diagnostic and other medical purposes. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/699afcf1-092a-4954-9c66-53cc42746892/career-connections-phlebotomist/>

Career Connections / Biomedical Engineer: Meet a biomedical engineer, working at the intersection of medicine & engineering, developing innovative tools that measure signals generated by the human body. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/1819bc6b-c34f-40d2-bae8-8f0c83e2d948/career-connections-biomedical-engineer/>

Career Connections / Cosmetology: Hear students speak with professional salon cosmetologists and trainers to learn the benefits of a career in professional cosmetology and the path to get you started. Hear students speak with professional salon cosmetologists and trainers to learn the benefits of a career in professional cosmetology and the path to get you started. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/3f9016a1-8f6b-437d-90db-f04af55d3fe1/career-connections-cosmetology/>

Career Connections / Dental Assistant: Visit a real dental assistance school and speak with career-focused dental instructors about the job demands and career goals for professional dentistry, with and without a degree program. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/6f7b0d62-e8d9-4855-bfff-fb96e61a4d63/career-connections-dental-assisting/>

Career Connections / Culinary Chef: Explore the exciting world of culinary chefs. Viewers will learn about the variety of skills needed to be successful in this dynamic career, from world languages and the fine arts to knowledge of math and science. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/07e208b6-6da7-4435-a6af-4882a0d9ceb7/culinary-chef-career-connections/>

Career Connections / Food Scientist: Meet a guy who started as a curious kid, overcame his fear of chemistry class, discovered a cool career, and is now a food scientist who experiments with vegetables. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/055fe9ce-38f5-420d-a2e9-63c8f2bae853/career-connections-food-scientist/>

Career Connections / Working in a Gym, Owning a Gym: Punch Fitness doesn't just offer cardio hip-hop boxing — it also maintains a sincere commitment to customer service. Experience in business and a college background in communications or exercise science are recommended for this career. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/23a9ca94-25d5-4945-bba8-bb82472f3721/gym-owner-career-connections/>

Career Connections / Occupational Therapist: Occupational therapists are critical in helping patients regain, develop and strengthen essential skills to function in everyday life. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/42215e00-8fcd-4ee9-b429-8d80bcfc7a65/career-connections-occupational-therapist/>

Career Connections / Radiologist: See fascinating images of the human heart with a cardiac radiologist who looks closely at ultrasounds, MRIs, & CT scans to diagnose heart problems. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/01c9683d-4d8e-401f-aec1-4550a229bc9c/career-connections-radiologist/>

Career Connections / Nurse Practitioner: A nurse practitioner is able to diagnose and treat patients, establish a practice, and act independently. A master's degree is required for advanced practice nursing, enabling a person to specialize in family medicine, pediatrics, and much more. Enjoy learning about this important job. (Grades 9-12)

<https://www.pbslearningmedia.org/resource/3c5d5bdb-3892-4283-84a0-4d9fb5caf501/nurse-practitioner-career-connections/>

Laser Eye Surgery: In 1948, Spanish ophthalmologist Jose Ignacio Barraquer Moner was fed up with glasses. He wanted a solution for blurry vision that fixed the eye itself, without relying on external aids. The surgery he eventually devised was called “keratomileusis,” and his technique focused on reshaping the cornea— what we now know as LASIK. So how does laser eye surgery work? Dan Reinstein explains. Enjoy learning about this important procedure. (Grades 9-12)

<https://ed.ted.com/lessons/how-does-laser-eye-surgery-work-dan-reinstein>

Bionic Technology: Hugh Herr is building the next generation of bionic limbs, robotic prosthetics inspired by nature's own designs. Herr lost both legs in a climbing accident 30 years ago; now, as the head of the MIT Media Lab's Biomechatronics group, he shows his incredible technology with the help of ballroom dancer Adrienne Haslet-Davis, who lost her left leg in the 2013 Boston Marathon bombing. Enjoy exploring this amazing health/science field. (Grades 9-12)

<https://ed.ted.com/lessons/g8KC49mB>

Brain Scans: As far as we know, there's only one thing in our solar system sophisticated enough to study itself: the human brain. But this self-investigation is challenging because a living brain is shielded by skull, swaddled in tissue, and made up of billions of tiny cells. How do we study living brains without harming their owners? Elizabeth Waters and John Borghi explain how EEGs, fMRIs, and PETs work. Enjoy exploring this amazing health/science field. (Grades 9-12)

<https://ed.ted.com/lessons/how-do-we-study-living-brains-john-borghi-and-elizabeth-waters>