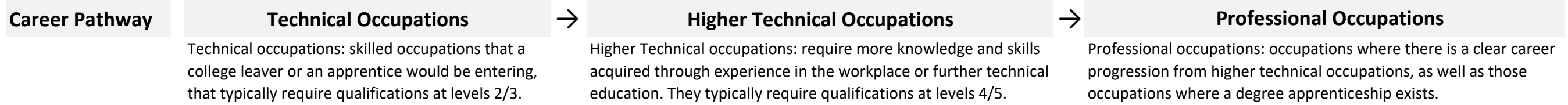


Occupational Map: Health and Science

This is one of 15 occupational maps that group together occupations that require similar knowledge, skills and behaviours. Career pathways and occupational clusters have been used to provide further grouping of occupations, with the pathways indicating options for likely career progression. Every apprenticeship standard has been captured, as well as other skilled occupations where there is a substantial requirement for technical knowledge and practical skills. This map has been split into four career pathways: Health; Healthcare Science; Science; and Community Exercise, Physical Activity, Sport and Health. The technical occupations in the latter pathway have been identified as suitable for learning via apprenticeships only, so Government does not intend to launch T levels for these.

Occupations in green: Standard approved for delivery
Occupations in amber: Standard published
Occupations in red: Standard in development
Occupations in black: Standard awaiting development
The number shown in brackets () is the level of the apprenticeship (if known)



[Click here for more information on the occupations listed in this map](#)

Health	Technical Occupations	Higher Technical Occupations	Professional Occupations
	<p>Cluster: Health Assistant <i>Provide direct patient contact and caring undertaking routine well defined clinical duties.</i></p> <p>Ambulance Support Worker (Emergency, Urgent & Non-Urgent) (3) Dental Nurse (3) Healthcare Support Worker (2) Senior Healthcare Support Worker (3): - Adult Nursing Support - Allied Health Professional - Therapy Support - Children & Young People - Maternity Support - Mental Health Support - Theatre Support</p>	<p>Cluster: Health Practitioner <i>Provide direct patient contact and high quality care with in-depth knowledge of the factors influencing health and ill-health using specialist expertise.</i></p> <p>Associate Ambulance Practitioner (4) Associate Continuing Healthcare Practitioner (4) Dental Hygiene Therapist Dental Hygienist Dental Therapist Health & Wellbeing Leader Healthcare Assistant Practitioner (5) Healthcare Play Specialist Hearing Aid Dispenser (5) Mammography Associate (4) Mental Health Practitioner (4/5) - Child & Adolescent Nursing Associate (5) Oral Health Practitioner (4) Orthodontic Therapist (4) Rehabilitation Worker (Visual Impairment) (5)</p>	<p>Cluster: Health Professional <i>Provide direct patient contact along with high quality diagnosis and care working independently and with other health professionals.</i></p> <p>Advanced Clinical Practitioner (7) Arts Therapist (7) Children & Adolescent Mental Health Practitioner (6) Diagnostic Radiographer (degree) (6) Dietitian (degree) (6) Environmental Health Practitioner (6) Forensic Practitioner (Custody or Sexual Offence) (7) Occupational Therapist (degree) (6) Orthoptist Paramedic (degree) (6) Physicians Associate (degree) (7) Physiotherapist (degree) (6) Podiatrist (degree) (6) Psychological Wellbeing Practitioner (6) Public Health Practitioner (6) Sonographer (degree) (7) Speech & Language Therapist (degree) (6) Therapeutic Radiographer (degree) (6)</p> <p>Cluster: Midwifery and Nursing Professional <i>Assess, plan, implement and evaluate patient care in multiple settings with specialist expertise often working independently.</i></p> <p>District Nurse (7) Midwife (6) Registered Nurse (degree) (6): - Adult - Children - Learning Disability</p>

Healthcare Science	<p>Cluster: Healthcare Science Assistant <i>Provide technical and science-based support to patients delivering testing, diagnosis, monitoring services etc. of a low risk, routine nature and also the manufacture of appliances and devices.</i></p> <p>Clinical Coder (3) Dental Laboratory Assistant (3) Healthcare Science Assistant (2) Optical Assistant (2) Prosthetic & Orthotic Technician (3)</p>	<p>Cluster: Healthcare Science Practitioner <i>Provide technical and science-based diagnostic, therapeutic and monitoring services in support of patient care working largely unsupervised and also the manufacture of appliances and devices using specialist medical expertise.</i></p> <p>Clinical Dental Technician (5) Dental Technician (5) Healthcare Science Associate (4) Sterile Services Technician</p>	<p>Cluster: Healthcare Science Professional <i>Provide direct patient contact along with high quality diagnosis and care working independently and with other health professionals.</i></p> <p>Audiologist Biomedical Engineer Biomedical Scientist Blood Scientist Cardiac Physiologist Clinical Pharmacology Scientist (7) Clinical Trials Specialist (degree) (6) Dispensing Optician Genetic Scientist Healthcare Science Practitioner (degree) (6) Infection Scientist Neurophysiologist Operating Department Practitioner (degree) (6) Prosthetics/Orthotics degree (6) Radiation Physicist Radiotherapy Physicist Regulatory Affairs Specialist (degree) (7) Renal Technologist Respiratory & Sleep Physiologist</p>
	<p>Cluster: Pharmacy Science Assistant <i>Order, prepare and dispense medicines under direct supervision.</i></p> <p>Pharmacy Services Assistant (2) Pharmacy Technician (3)</p>	<p>Cluster: Clinical Analyst <i>Analyse and code medical studies and treatments designed to measure the effectiveness of a treatment regimes, drug programmes, medical device or process used in the human body.</i></p> <p>Clinical Data Manager Health Informatician</p>	
		<p>Cluster: Pharmacy Technician <i>Manage the supply of medicines in community and hospital settings and provide advice to patients.</i></p>	<p>Cluster: Pharmacy Professional <i>Use medical expertise to provide extensive health advice to patients.</i></p> <p>Pharmacist</p>

Science	<p>Cluster: Science Technician <i>Provide routine and non-routine laboratory testing, experimenting and support to a research brief.</i></p> <p>Animal Technologist (3) Bioinformatics Technician (3) Cell Biology/Microbiology Technician (3) Chemoinformatics Technician (3) Environmental Technician (3)</p>	<p>Cluster: Science Advanced Technician <i>Provide laboratory-based investigative and scientific experimentation analyses, interpretations and evaluations of scientific information.</i></p> <p>Food Testing/Laboratory Manager Laboratory Scientist (5): - Analytical Science - Chemical science - Life Sciences</p>	<p>Cluster: Science Professional <i>Define and lead science-based research projects to derive academic and applied information of value.</i></p> <p>Biochemist Bioinformatics Scientist (7) Biologist Chemist Food Industry Technical Professional (degree) (6)</p>

	<p>Food Technologist (3) Laboratory Technician (3) Metrology Technician (3) Quality Assurance Technician (3)</p>	<p>Senior Metrology Technician (5) Technician Scientist (5)</p>	<p>Food Safety Director Laboratory Scientist (degree) (6) Physicist Research Scientist (7)</p>
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<p>Community Exercise, Physical Activity, Sport and Health</p>	<p>Cluster: Exercise, Fitness and Health Assistant APPRENTICESHIP ONLY <i>Initiate behaviour change and performance improvement to achieve a series of health and fitness goals for an individual or community. Usually working one-to-one or small groups.</i></p> <p>Community Activator Coach (2) Community Sport & Health Officer (3) Leisure Team Member (2) Outdoor Activity Instructor (3) Personal Trainer (3) Sporting Excellence Professional (3) - Cricket - Football - Rugby League - Rugby Union</p>	<p>Cluster: Exercise, Fitness and Health Specialist <i>Develop and deliver programmes which significantly enhance the performance of an individual or team.</i></p>	<p>Cluster: Exercise, Fitness and Health Professional <i>Lead and manage health professionals delivering entire health programmes usually with expertise in physical activity prescription, programme creation and delivery.</i></p> <p>Sports Psychologist Sports Rehabilitator Sports Scientist</p>
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