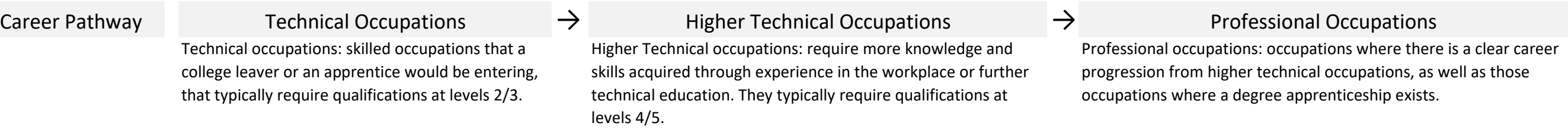


Occupational Map: Health and Science

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, fitness 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: approved for delivery
Occupations in amber: standard published
Occupations in red: standard in development
Occupations in black: proposed standard
(): the number shown in brackets is the level of the apprenticeship (if the level is known)



Click here for more information on the occupations listed in this map			
Health	<div>Cluster: Health Assistant <i>Provide direct patient contact and caring undertaking routine well defined clinical duties.</i></div>	<div>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></div>	<div>Cluster: Health Professional <i>Provide direct patient contact along with high quality diagnosis and care working independently and with other health professionals.</i></div>
	<div>Ambulance support worker (emergency, urgent and non-urgent) (3) Dental nurse (3) Healthcare support worker (2) Senior healthcare support worker (3):<ul style="list-style-type: none">- Adult nursing support- Allied health professional - therapy support- Children and young people- Maternity support- Mental health support- Theatre support</div>	<div>Associate ambulance practitioner (4) Dental therapist Dental Hygienist Dental hygiene therapist Health and wellbeing leader Healthcare assistant practitioner (5) Healthcare play specialist Hearing aid dispenser (5) Mammography Associate (4) Mental health practitioner (4/5)<ul style="list-style-type: none">- Child & AdolescentNursing associate (5) Oral healthcare practitioner (4) Rehabilitation worker (visual impairment) (5)</div>	<div>Advanced clinical practitioner (7) Arts Therapist (7) Children and Adolescent Mental Health Practitioner (6) Diagnostic radiographer (degree) (6) Dietitian (degree) (6) Environmental Health Practitioner (6) Occupational therapist (degree) (6) Orthoptist Paramedic (degree) (6) Physicians associate (degree) (7) Physiotherapist (degree) (6) Podiatrist (degree) (6) Psychological wellbeing practitioner (6) Sonographer (degree) (7) Speech and language therapist degree (6) Therapeutic Radiographer (degree) (6)</div>
			<div>Cluster: Midwifery and Nursing Professional <i>Assess, plan, implement and evaluate patient care in multiple settings with specialist expertise often working independently.</i></div> <div>Midwife Registered nurse (degree) (6):<ul style="list-style-type: none">- Adult- Children- Learning disability- Mental healthSpecialist Community and Public Health Nurse (7)</div>

Healthcare Science	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>	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>	Cluster: Healthcare Science Professional <i>Provide direct patient contact along with high quality diagnosis and care working independently and with other health professionals.</i>
	Dental laboratory assistant (3) Healthcare science assistant (2) Optical assistant (2) Prosthetist Orthotist Technician (3)	Clinical dental technician (5) Dental technician (5) Healthcare science associate (4) Sterile services technician	Audiologist Biomedical engineer Biomedical scientist Blood scientist Cardiac physiologist Clinical trials specialist (degree) (6) Dispensing optician Genetic scientist Healthcare science practitioner (degree) (6) Infection scientist Neurophysiologist Operating department practitioner (degree) (6) Prosthetist/orthoptist (degree) (6) Radiation physicist Radiotherapy physicist Regulatory affairs specialist (degree) (7) Renal technologist Respiratory and sleep physiologist
		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>	
		Clinical coder (3) Clinical data manager Health informatician	
	Cluster: Pharmacy Science Assistant <i>Order, prepare and dispense medicines under</i>	Cluster: Pharmacy Technician <i>Manage the supply of medicines in community and hospital</i>	Cluster: Pharmacy Professional <i>Use medical expertise to provide extensive health advice to</i>
	Pharmacy services assistant (2)	Pharmacy technician (3)	Pharmacist

Science	Cluster: Science Technician <i>Provide routine and non-routine laboratory testing, experimenting and support to a research brief.</i>	Cluster: Science Advanced Technician <i>Provide laboratory-based investigative and scientific experimentation analyses, interpretations and evaluations of scientific information.</i>	Cluster: Science Professional <i>Define and lead science-based research projects to derive academic and applied information of value.</i>
	Animal technologist (3) Bioinformatics Technician (3) Cell Biology/Microbiology Technician (3) Chemoinformatics Technician (3) Environmental Technician (3) Food technologist (3) Laboratory technician (3) Metrology technician (3) Quality Assurance Technician (3)	Food testing/laboratory manager Laboratory scientist (5): - Analytical science - Chemical science - Life sciences - Research & development Senior metrology technician (5) Technician scientist (5)	Biochemist Bioinformatics Scientist (7) Biologist Chemist Food industry technical professional (degree) (6) Food safety director Laboratory scientist (degree) (6) Physicist

Community Exercise, Physical Activity & Sport and Health	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>	Cluster: Exercise Fitness and Health Specialist <i>Develop and deliver programmes which significantly enhance the performance of an individual or team.</i>	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>
	Community activator coach (2) Community sport and health officer (3) Leisure Team Member (2) Outdoor activity instructor (3) Personal trainer (3) Sporting excellence professional (3) <ul style="list-style-type: none">- Cricket- Football- Rugby League- Rugby Union		Sports Psychologist Sports rehabilitator Sports scientist