



Health Science

DOCTOR

NURSE

PHARMACIST

BIOMEDICAL SCIENTIST

DENTAL NURSE

INDUSTRIAL PHARMACIST

PSYCHIATRY

THEATRE SUPPORT WORKER

DIETITIAN

PRACTICE MANAGER

ANAESTHETIST

PARAMEDIC

ENVIRONMENTAL HEALTH OFFICER

MEDICAL LABORATORY ASSISTANT

PHYSIOTHERAPIST

GENERAL PRACTITIONER

COUNSELLOR

PAEDIATRICIAN

MEDICAL RESEARCHER

ORTHODONTIST

LANGUAGE THERAPIST

SCHOOL NURSE

OPHTHALMOLOGIST

PSYCHOTHERAPIST

PATHOLOGIST

OCCUPATIONAL THERAPIST

RADIOGRAPHER

PSYCHOLOGICAL WELLBEING PRACTITIONER

CLINICAL IMMUNOLOGIST

PODIATRIST

CHILDREN'S NURSING

PHLEBOTOMIST

MENTAL HEALTH NURSE

CHIROPODIST

HR MANAGEMENT

LEARNING DISABILITIES NURSING

ICT STAFF

MILITARY MEDIC

HEALTH RECORDS STAFF

HEALTH PROMOTION SPECIALIST

MICROBIOLOGIST

PSYCHOLOGIST

DENTAL TECHNICIAN

CARDIOLOGIST

SPEECH THERAPIST

About the cluster...

- One of the 16 National Career Clusters
- Involves planning, managing, and providing patient care by:
 - ▣ Researching
 - ▣ Diagnosing
 - ▣ Treating
 - ▣ And providing preventative care
- **Has 5 career pathways**

Traits of all good Health Care Workers

- ❑ Strong background in math and science & commitment to learning
- ❑ Dependability
- ❑ Great communication skills
- ❑ Very detail-oriented and organized
- ❑ A calling to care for others
- ❑ High level of integrity
- ❑ Willingness to work with others

Fastest growing Health Science Cluster careers (2006 –2016)

- ❑ Personal, Home Health and Home Care Aides
- ❑ Medical Assistants
- ❑ Substance Abuse and Behavior Disorder Counselors
- ❑ Physical Therapists and P. T. Assistants
- ❑ Pharmacist and Pharmacy Technicians
- ❑ Dental Hygienists
- ❑ Registered Nurses

Health Science **5** Career Pathways

- ❑ **Therapeutic Services**

- ❑ *Primarily focused on changing the health status of the patient over time*

- ▣ Ex: Physicians, Nurses and Therapist

- ❑ **Diagnostic Services**

- ❑ *Primarily focused on detection, diagnosis and treatment of diseases and disorders*

- ▣ Ex: Physicians, Technologist and Technicians

- ❑ **Health Informatics**

- ❑ *Primarily focused on management of departments, agencies and patient data*

- ▣ Ex: Administrators, Unit Coordinators and Clerks

Health Science **5 Career Pathways**

- ❑ **Support Services**

- ❑ *Primarily focused on providing a therapeutic environment for the delivery of health care*

- ▣ Ex: Facilities Design/Mgt, Nutritionist, Dietitian


- ❑ **Biotechnology Research and Development**

- ❑ *Primarily focused on discovery, research and development for new diagnostic testing, new treatments and medical devices to improve patient care*

- ▣ Ex: Engineering, Specialized Scientists, Researchers and Quality Control Technicians

INDIANA COLLEGE & CAREER PATHWAY PLAN-JOHN GLENN HIGH SCHOOL
CAREER CLUSTER: HEALTH SCIENCE **CAREER PATHWAY: NURSING**

Grade	English/ Language Arts	Math	Science	Health/Dig Cit. Phys. Education Social Studies	CTE/Career Preparation Courses For this Pathway	Other or Elective For this Pathway	Elective For this Pathway
9	English 9	Algebra I (C level avail.)	ICP or Biology	Health/Dig Cit	Child Development	Physical Education	Prep for College & Careers/
10	English 10	Geometry/ Algebra II (C level avail.)	Biology or Chemistry	US History	Interpersonal Relationships/ Human Development & Wellness	/Personal Financial Respons.	World Language
11	English 11	Algebra II/ Geometry (C level avail.)	3 rd Core 40 Science (Anatomy)	World History & Civilization	Health Science Education I @ Plymouth	Psychology/ Sociology	
12	English 12	Math or Quantitative Reasoning		US Government/ Economics (QR)	Health Science Education II @ Plymouth		

A woman with dark hair, wearing a green short-sleeved shirt, is seated and looking intently at a small, light-colored object held in her hands. She appears to be examining it closely. In the background, another person with short, light-colored hair is seated at a desk, facing away from the camera. The setting is an indoor room, possibly a home care or office environment. On the wall behind the woman in green, there is a yellow poster with a diagram of a human figure and some text. To the left, a pink cup and other items are visible on a desk. The overall lighting is somewhat dim, and the image has a slightly grainy quality.

LIVING INTO THEIR 80s AND 90s.
THEY WILL REQUIRE A WIDE ARRAY
OF HEALTH CARE SERVICES, FROM