

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 in a green shirt is examining the hand of an elderly patient seated at a desk. The patient is wearing a white patterned top. In the background, there is a yellow wall with a decorative object and a sign that partially reads 'Total Hip Replacement'.

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