

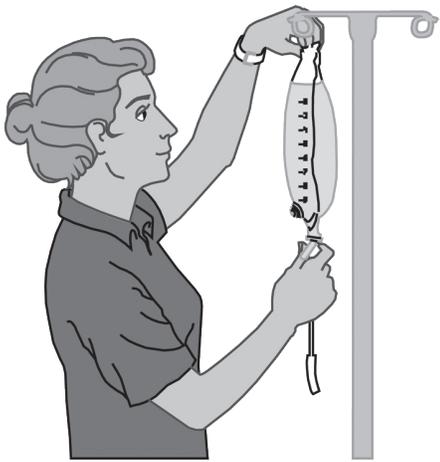


Health Science

People in the Health Science cluster promote health and wellness. Some of them take care of people who are ill or hurt. Others do research and try to find treatments and cures. They like school, especially science classes.

Health Science

Registered Nurses ■ Pharmacists ■ Physical Therapists ■ Physician Assistants
Medical & Clinical Laboratory Technicians ■ Family & General Practitioners



Registered Nurses

Registered nurses (RNs) care for sick and injured people. They talk with patients. They answer questions. They help people stay healthy. They help doctors with exams and treatments. They work in many health care places, including hospitals, clinics and nursing homes. Some work in schools or in people's homes. Registered nurses may have more training than some other nurses. They also may be in charge of other nurses. Sometimes they work in one area, like with children or in an emergency room.

Registered nurses study many different subjects. This includes a lot of science classes. Match the school subject to its definition.

Chemistry

How the human mind works.

Biology

How liquids, solids and gases work.

Anatomy

How all living things work.

Psychology

How the human body is built.



Pharmacists

Pharmacists give out the medicines doctors have prescribed to patients. They give patients information on how to take the medicine. They also tell patients about side effects. They answer questions about all kinds of medicines. They must understand what ingredients make up medications.

A patient has a prescription for a cold. He needs to take three pills a day for seven days. How many pills should the pharmacist give him?

Did you know penicillin was one of the first antibiotics discovered?
It is used to treat many bacterial infections.



School Rules: (How much education do you need?)

| Occupation | High School | Some Beyond High School | Associate Degree | Bachelor's Degree | Advanced Degree |
|---|-------------|-------------------------|------------------|-------------------|-----------------|
| Registered Nurses | | | | ✓ | |
| Pharmacists | | | | | ✓ |
| Physical Therapists | | | | | ✓ |
| Physician Assistants | | | | | ✓ |
| Clinical Laboratory Technologists & Technicians | | | | ✓ | |
| Family & General Practitioners | | | | | ✓ |

Physical Therapists

Sometimes when people are hurt in accidents or get sick, they need to learn how to move again. Physical therapists help patients move more, get stronger and decrease pain. Therapists teach patients how to handle injuries or illnesses with exercise. They teach patients how to use equipment like wheelchairs and crutches.



Use the hand you normally use to write your first name. Then, write your name again, but use your other hand. Draw something in the box using the “wrong” hand. How does it feel to write/draw with the hand you normally do not use?

Name: _____

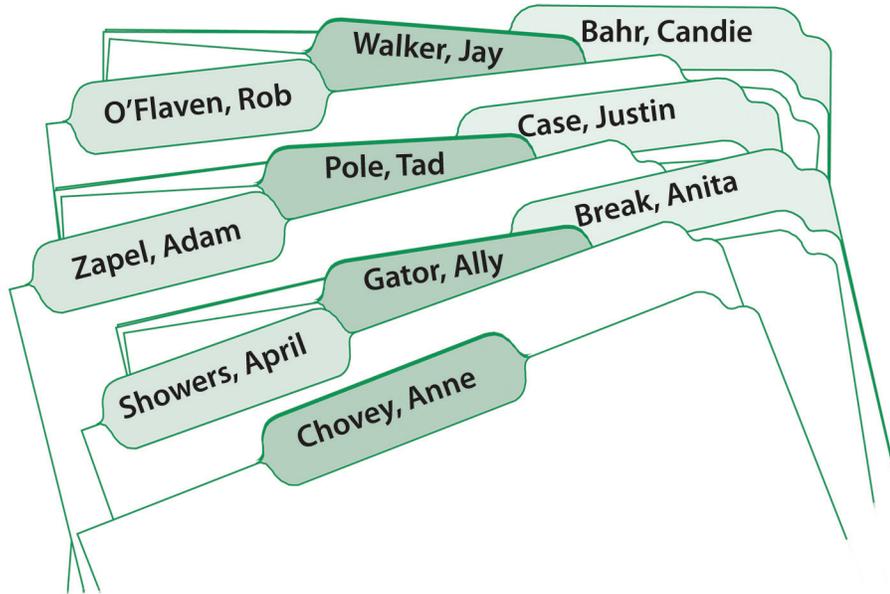
Name: _____
(Write with “wrong” hand)



Physician Assistants

Physician assistants help doctors with medical tasks. They record a patient's medical information, give exams, order lab tests, diagnose problems and prescribe medications. They sometimes take care of minor injuries. Doctors oversee their work.

Alphabetize these patient charts.



1. Bahr, Candie
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

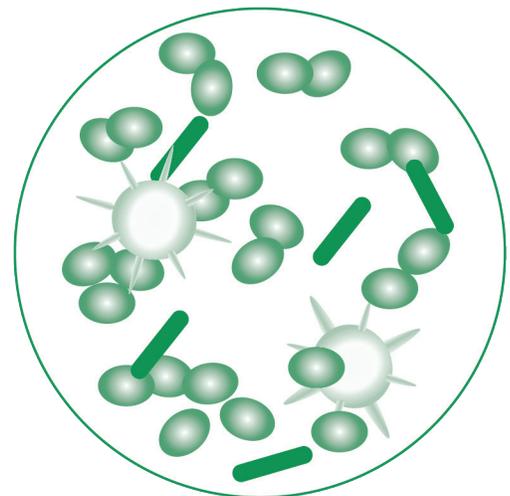
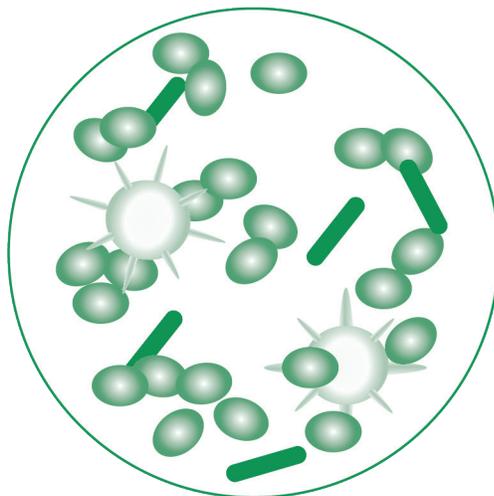
Clinical Laboratory Technologists & Technicians

They run medical lab tests. They look at blood and tissue samples, bodily fluids and cells. Many of these tests help find, diagnose and treat illnesses. They may also run and look at drug tests for athletes or workers. They enter results in patients' files.



The lab tech is looking at two cell slides. Circle the differences in the slide on the right.

Hint:
There are five
differences.



Family & General Practitioners

Family and general practitioners are medical doctors who provide general care to patients. They know about a lot of health issues. They want to check and see that the patient's body is working like it should. They diagnose, treat and help prevent diseases and injuries. They also prescribe medicine. They spend many years going to school.



Unscramble the clue words below. Copy the letters in the numbered boxes to other boxes with the same number.

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|-------------|--|--|--|--|
| L A E H T H Y | | | | | | | | | | E M X A | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| S E T S T | | | | | | | | | | G H I E W T | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| E S U N R | | | | | | | | | | F E R E V | | | | |
| | | | | | | | | | | | | | | |

What did the doctor give the sick bird?

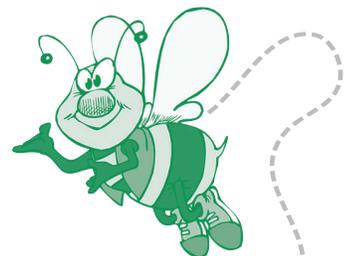
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|
| | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |

How Much Does it Pay?

| | | | | | | |
|--|-------------------|-------------|---------------------|----------------------|---------------------------|--------------------------------|
| More than \$ 30.00 | | | | | | |
| \$ 25.00-\$ 30.00 | | | | | | |
| \$ 20.00-\$ 25.00 | | | | | | |
| \$ 15.00-\$ 20.00 | | | | | | |
| Less than \$ 15.00 | | | | | | |
| Average Hourly Wage in South Dakota (2018) | Registered Nurses | Pharmacists | Physical Therapists | Physician Assistants | Clinical Laboratory Techs | Family & General Practitioners |

Keep your "career antennae" up!

Land on the website below to explore many more careers in this same cluster. And we have 15 other career clusters to explore together!



dlr.sd.gov/careerclusters

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