

FUTURE JOBS READERS

Level 1 - ①

Medical Scientists

Joanne Jalbert

Series Editor Casey Malarcher

Seed
Learning

Audio CD Included



Contents

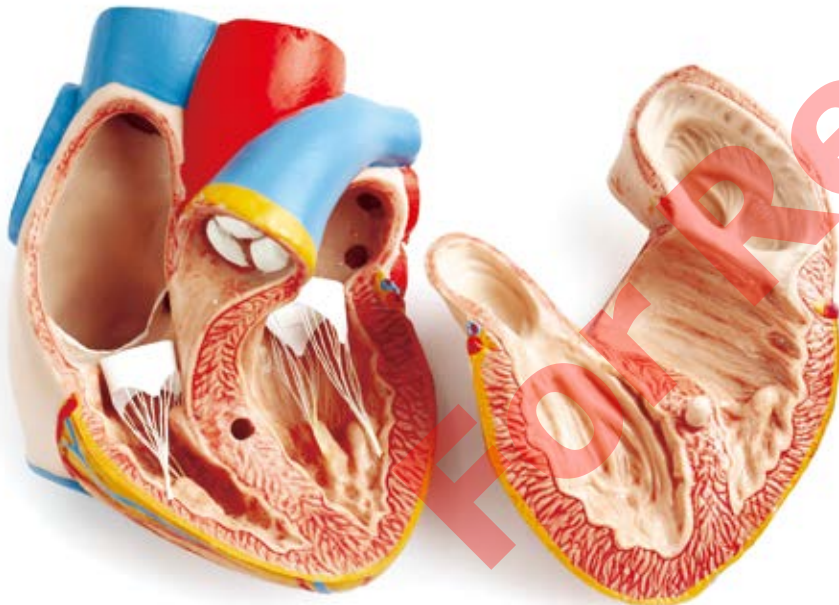
What Is a Medical Scientist?	4
In the Laboratory	8
Danger in the Laboratory	15
Medical Scientists: Helping People	18
A Bright Future in Medical Science	22
Comprehension Questions	28
Glossary	29
Notes	31

For Review Only

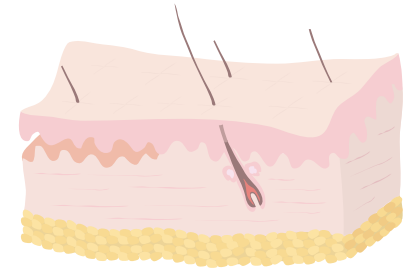
What Is a Medical Scientist?

Is science your favorite subject in school?
Do you like doing science experiments and helping people?
If so, maybe you should become a medical scientist.
Medical scientists learn about the body and how it works.

A model of the human heart



The layers of the skin



There are different kinds of medical scientists.
Most choose one subject to study.
For example, some medical scientists study diseases of the skin.

A medical scientist looking through a microscope





Weighing chemicals

Some medical scientists do experiments to find new medicines.

For Review



Did you know?
Everybody's DNA is 99.9% the same. Only 0.01% of DNA makes us all different.

DNA strands

Some scientists study parts of the body that are too small to see with our eyes, like DNA. DNA tells our bodies how to grow. It is inside every part of our bodies. Medical scientists study how some people's DNA can make them sick.

In the Laboratory

To become a medical scientist, a student goes to university for many years.

Medical science students study chemistry, biology, and math.

Students also spend many hours in laboratories.



A laboratory is a room where people do science experiments.

In laboratories, medical scientists use many things for experiments.

Things that are often used for experiments include a microscope and test tubes.



Comprehension Questions

1. What do medical scientists learn about?
 - (a) Medicines
 - (b) Cells and bacteria
 - (c) The body and how it works.
 - (d) All of the above
2. What is something medical scientists do NOT study?
 - (a) DNA
 - (b) Diseases
 - (c) Laboratories
 - (d) Chemistry
3. What is a laboratory?
 - (a) A kind of medicine
 - (b) A room where scientists work
 - (c) A job that medical scientists do
 - (d) A kind of experiment
4. What does a microscope do?
 - (a) Make small things look bigger
 - (b) Keep your eyes safe
 - (c) Grow new skin from cells
 - (d) Send DNA to another machine
5. Our bodies are made of many ...
 - (a) arms and legs.
 - (b) test tubes.
 - (c) cells.
 - (d) bacteria.

Key 1. (d) 2. (c) 3. (b) 4. (a) 5. (c)

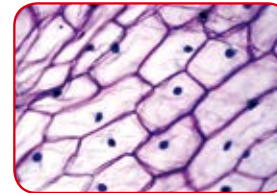
Glossary



■ **bacteria** (n.) small living things that can make you sick



■ **biology** (n.) the study of things that are alive, like plants and animals



■ **cell** (n.) the smallest part of a person, animal, or plant



■ **chemistry** (n.) the study of all substances



■ **disease** (n.) an illness; something that makes you sick