

### Title: Strange and Amazing: Laboratories Around the World

#### Word Study

Fill in the blanks using the words.

deadly	microwave	mold	physics	rash
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1. In \_\_\_\_\_ class, you learn about why things fall when you drop them.
2. This \_\_\_\_\_ is making me itch.
3. Some spider bites can be serious or even \_\_\_\_\_.
4. Yuck—there's green \_\_\_\_\_ on this old bread!
5. With a \_\_\_\_\_ oven, you can heat food in just a minute or two.

## Reading Comprehension

### A. Circle T for true or F for false.

1. A lot of the people who work in laboratories are scientists. T / F
2. A kitchen can be a laboratory, too. T / F
3. In sports labs, they come up with new kinds of sports to play. T / F
4. It is easy and safe for criminals to make illegal drugs. T / F
5. Accidents in labs have caused many great discoveries. T / F

### B. Circle the correct word(s).

1. Making sure things (can / can't) burn easily is important for safety.
2. Researchers are looking for new sources of (energy / agriculture).
3. (Water color / Soy ink) paint was developed in a laboratory.
4. Students in Japan help researchers by (playing games / sharing ideas).
5. A (melted / delicious) candy bar led to the invention of microwave ovens.

### C. Choose the best answer.

1. What did scientists develop in 2009?
  - a. A new type of virus
  - b. A new treatment for people with flu
  - c. A flu vaccine
  - d. A theory about how viruses form
  
2. According to the book, many countries have laws about \_\_\_\_\_.
  - a. how many toys children can have
  - b. making sure products are safe
  - c. what baby furniture is made of
  - d. the kind of work laboratories can do
  
3. What impressive thing does one private company have in their lab?
  - a. A large test kitchen
  - b. A powerful wind tunnel
  - c. A very nice kind of makeup
  - d. A car that doesn't need gas
  
4. What did scientists find on the floor of the Dead Sea?
  - a. A lot of salt
  - b. A special lab
  - c. New kinds of life
  - d. Shipwrecks
  
5. What do workers at the laboratory in Egypt's library do?
  - a. Find ways to save old books
  - b. Come up with ways to make books safer
  - c. Invent new ways to make books
  - d. Learn the best way to write books

## Summary

Fill in the blanks with the words.

agriculture	fertilizers	clues	vaccines	illegal
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Laboratories are places where people work. Many of the people who work in labs are scientists. They do research and study many things. Some labs focus on keeping us safe. They study diseases and make \_\_\_\_\_ to prevent them. Other labs test products to make sure they are safe for us to use. Other labs study things like \_\_\_\_\_. They make it easier to grow more crops by doing things like using better \_\_\_\_\_. They also try to keep the Earth's air, water, and land healthy. Some labs are owned by private companies. They look for ways to make new and better products to sell. Laboratory workers even study the arts. They make new kinds of paints and musical instruments. Others study sports. And while some labs help solve crimes by finding \_\_\_\_\_, some are used by criminals to make \_\_\_\_\_ drugs. Labs are all over the place. Some are in space, and some are in the Arctic. Labs are studying the past and making things for the future.