

# START



1 Who takes care of your teeth and fills cavities?

2 You just put on sunscreen for skin protection!

3 Who prepares medications prescribed by a doctor?

4 Can you name 3 food sources of probiotics (p. 3)? If so, jump ahead 1 square!

5 Get vaccinated to keep from getting sick for the rest of the game!

6 Eureka! You developed a new, exciting vaccine!

20 **Finish!**  
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All these professionals study chemistry to help you heal!



## The Healing Power of Chemistry—The Game!

**How to Play**

1. Each player picks a different small object as their token. Place all the tokens on the square labeled START on the left top corner.
2. Each person rolls the die, and the person with the highest number goes first. Then moving clockwise, each player rolls the die and plays their turn.
3. When players roll the die, they move forward the number of spaces on the die.
4. When a player lands on a square, they follow any instructions on it and stay, move forward or backward.
5. If a player lands on a square with a read the description on the square. Look to the left center of the page and match the description to the correct professional. Fill the letter on
6. Complete all actions for each player before proceeding to the next player.
7. The first player to reach FINISH! wins.

**What You'll Need**

- 2-4 players can play this game
- Six-sided die (or a digital simulator)
- The game board on this page
- One token per player (coins, beads, seeds, lentils, etc.)

7 Who takes care of you in the hospital or when you get hurt at school?

8 Can you name one of your skin's layers (p. 11)? If so, move forward 2 squares!

9 Congratulations – you discovered a new antibiotic to cure a disease!

19 Who works in the laboratory to find new cures for diseases?

18 You drank orange juice for a healthy dose of vitamin C.

17 **Fun Fact**  
Ancient Egyptians used honey, grease, and lint to make bandages for wounds.

16 You discovered a new medicine for humans, made from plants. Move forward 2 squares!

15 Who gives you a yearly physical exam and prescribes medication when you're sick?

14 Oh no, you met up with a nasty germ! If you got vaccinated on square 5, you're safe! If not, too bad—now you're sick! Go back 4 squares.

13 You made a fantastic bandage – move forward 2 squares!

12 Who takes care of you in the ambulance if you need to be taken to the hospital?

11 Ouch, you hurt your ankle! Use a chemical ice pack. Skip your next turn.

10 Who helps your pets when they're sick or need a checkup?