

# Career Discovery #2

## Find Out More About Favorite STEM Career

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Student worksheet

### 1. Research Your Top Choice Career: Make Sure It's a Good Fit

The Career Discovery tool asked you many questions about what you like to do and matched your interests with STEM careers. How well do you think the tool did matching your interests with a career? Now it's your turn to do the matching.

- Read the *What Do They Do?* and *Overview* sections for the career you selected.
- Watch a video.
- Check out any subjects mentioned in *Do You Have the Skills and Characteristics of ...*
- In the box below, list your interests and the school subjects you like now.
- In the box below, write some short sentences or phrases about what the career does and what subjects it uses.
- Circle the phrases that are similar.

If you find you don't like the career, pick another one from **Career Discovery #1: Discover Your Favorite STEM Careers!**

Subjects and activities that you like now:	What this career does and what subjects it uses:
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

### 2. Go by the Numbers: Research Data for Your Career

- a. Write down the median pay (salary) for your career: \_\_\_\_\_
- How does it compare to the U.S. average, which is \_\_\_\_\_?

# Career Discovery #2

## Find Out More About Favorite STEM Career—Page 2

Name: \_\_\_\_\_

### b. Jobs in the future

- As your teacher has explained, the number of jobs in a career right now doesn't help you, since you aren't ready to go into your career. When will you actually be ready to start your career? Fill in the boxes to find out.

Years that you have left until you graduate high school:  
(Example: if you are in 6<sup>th</sup> grade, you have 6 years left)

+

Years that you have planned for studying after high school:

---

Total years of education left



+

What year is it now:

---

Year you will be ready to start your career:  
(Add your total years of education left to the year it is now)



- What are the estimated number of jobs in the future for your career? Look in the gray box at the top of the Career Profile. Is the year listed close to the year when you will finish your education and start your career?
- How does the job growth rate compare to the U.S. average? Find the "Blast-off" Rocket graph. Is the rocket for your career racing up faster than the U.S. average, at the same speed, or more slowly? It's better if your career is doing well in the race.

# Career Discovery #2

## Find Out More About Favorite STEM Career—Page 3

Name: \_\_\_\_\_

### 3. Map How You're Getting There

a. Pick high school courses that will help prepare you for this career.

<b>Math</b>	Algebra 1	Geometry	Algebra 2	Pre-Calculus	Calculus	Statistics
<b>Science</b>	Biology	Chemistry	Physics	Environmental Science	Physiology	Bio-Medical Science/ Biotech
<b>IT &amp; Engineering</b>	Computer Science	Applied Technology	Drafting & CAD Training			
<b>Core</b>	English	Foreign Language	Business	Psychology/ Sociology		

b. What is the typical minimum degree (for example, high school diploma, AA degree, Bachelor's degree) that this career requires?

c. What additional training is required, if any?

# Career Discovery #2

## Find Out More About Favorite STEM Career—Page 4

Name: \_\_\_\_\_

### 4. Envision Yourself as a \_\_\_\_\_

- a. Why does your career exist? What is the purpose?
  
  
  
  
  
  
  
  
  
  
- b. Where do people in this career go to work?
  
  
  
  
  
  
  
  
  
  
- c. Who do people in this career work with? (Hint: Look at the *On the Job* section)
  
  
  
  
  
  
  
  
  
  
- d. How many hours a week do people in this career work? When do they work?
  
  
  
  
  
  
  
  
  
  
- e. Watch at least one video or read at least one interview. What are things the person is doing: discovering something, making something, helping something, working with others? Which activities appeal to you and why? Think about how you would spend your day and why you would like that career.

### 5. Be a Detective and Find an Amazing Fact.

- a. What is the most awesome thing you want your friends to remember about this career?