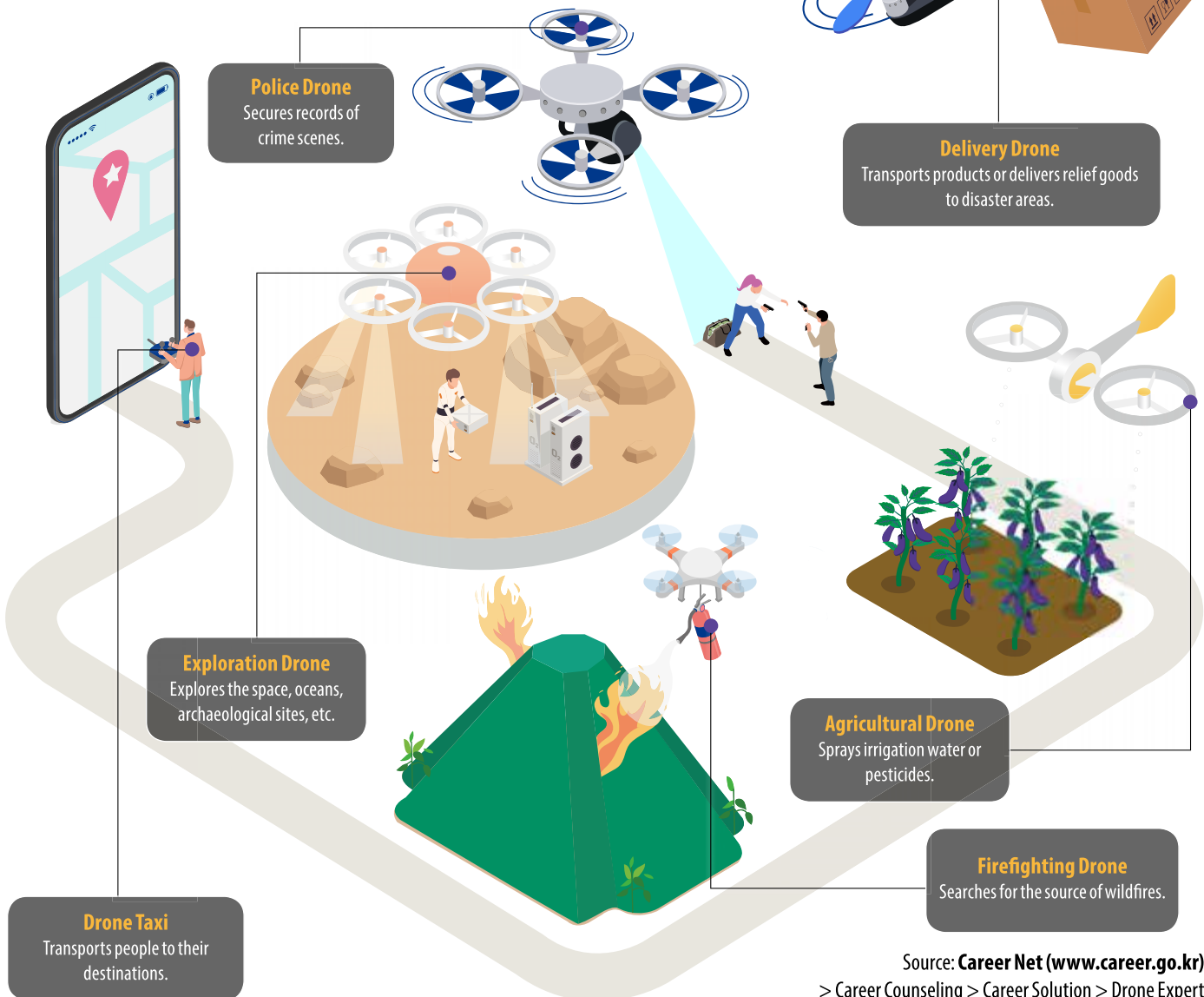


# Load Your Dreams on a Drone and Fly It

Futurist Thomas Frey expects that there will be more than 200 jobs you can do with drones in the future. The drone industry is receiving attention as a new industry integrating future technologies such as AI, IoT, and robots.

In fact, drones are already being used to search for missing people or to reach locations that people cannot approach in the event of wildfires. The market related to drone application is expected to gradually expand, significantly increasing the number of related jobs. Let's take a look at some drone applications.

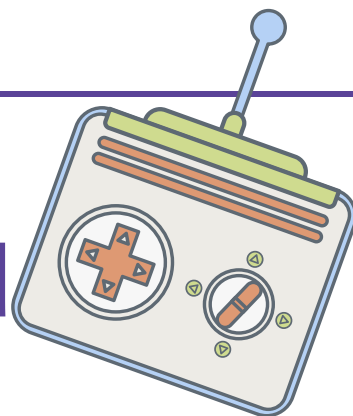


Source: **Career Net** ([www.career.go.kr](http://www.career.go.kr))

> Career Counseling > Career Solution > Drone Expert



# Limitless Application of Drones in the Job World

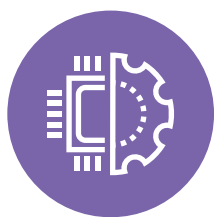


The employment of drones are categorized according to their use.

The occupations related to drones include various works such as piloting, design, manufacturing, research, drone development, maintenance, filming, etc.

## What are the jobs related to drones?

Jobs related to drones can be largely divided into two categories:



### Fields related to drone piloting and utilization

Drone design, parts manufacturing, drone development (engineering), drone maintenance, etc.

Jobs: UAV system developer, UAV docking designer/engineer, UAV repairman (mechanic), etc.









### Fields related to drone manufacturing/assembly and maintenance

Drone operation, drone control, drone event planning, etc.

Jobs: UAV pilot verification professional, UAV operator, UAV instructor, UAV safety expert, UAV event planner, etc.

## To become a drone expert

Since the field of drones demands a comprehensive set of skills, becoming a drone expert requires you to have various background knowledge, information, and experiences. You need to be familiar with machinery, geography, mathematics, computer engineering (including coding) in regards to aircraft piloting and drone development. In addition, it is helpful to have a challenging spirit and situational judgment. As shown below in the interest types, this field should be advantageous for children who like to craft things or explore ideas in detail.

Knowledge required				Interest Type	
					<b>Handy Type (Practical Type)</b> Inspired by realistic and practical things. Likes physical activities
<b>Machinery</b>	<b>Geography</b>	<b>Math</b>	<b>Computer Engineering</b>		<b>Explorer Type (Investigative Type)</b> Logical and analytical. Likes to explore things.
<ul style="list-style-type: none"> <li>•If your child shows interest in drones, first give them time to do a little research on them. Learn the basics of flying a drone, its utilization, components, manufacturing, performance index, software, etc. and relate them to your child's interests and aptitudes.</li> <li>•The field of drones is a new industry integrating future technologies, a field with limitless possibilities in the future. As the development and demand of the future drone industry increases dramatically, there is expected to be a greater demand for drone experts than now.</li> </ul>				<p>*Reference: Junior Career Net (<a href="http://www.career.go.kr/jr">www.career.go.kr/jr</a>) &gt; Junior Career Information &gt; Drone Operator</p>	



## Meet a drone expert via video.

Drones are rapidly developing in various fields such as delivery, exploration, unmanned flight, etc.

Experience the world of a drone expert who will be at the forefront of the future's state-of-the-art industry.

Career Net ([www.career.go.kr](http://www.career.go.kr)) > Career Video > Subject > Search 'Drone Expert'





# Careers that Interest Middle School Students

National Center for Parents Education [www.parents.go.kr](http://www.parents.go.kr)

## Popular future careers: Teachers, doctors, police

Middle school students become interested in various jobs through career experiences or exposure to media, books, etc. The number one dream job of middle school students happens to be teaching, since they spend most of their time with teachers. Number two and three are also jobs that you can easily find around you. This is similar to how you, the parents, grew up aspiring to be your favorite characters from TV shows or books, or professions from your surroundings.

Jobs are ways to demonstrate your ability and achieve your career goals.

What is your child's future dream job?

Let's take a look at the types of jobs that middle school students are interested in. Also let's explore the career path of the job, and analyze the characteristics of actual professionals.

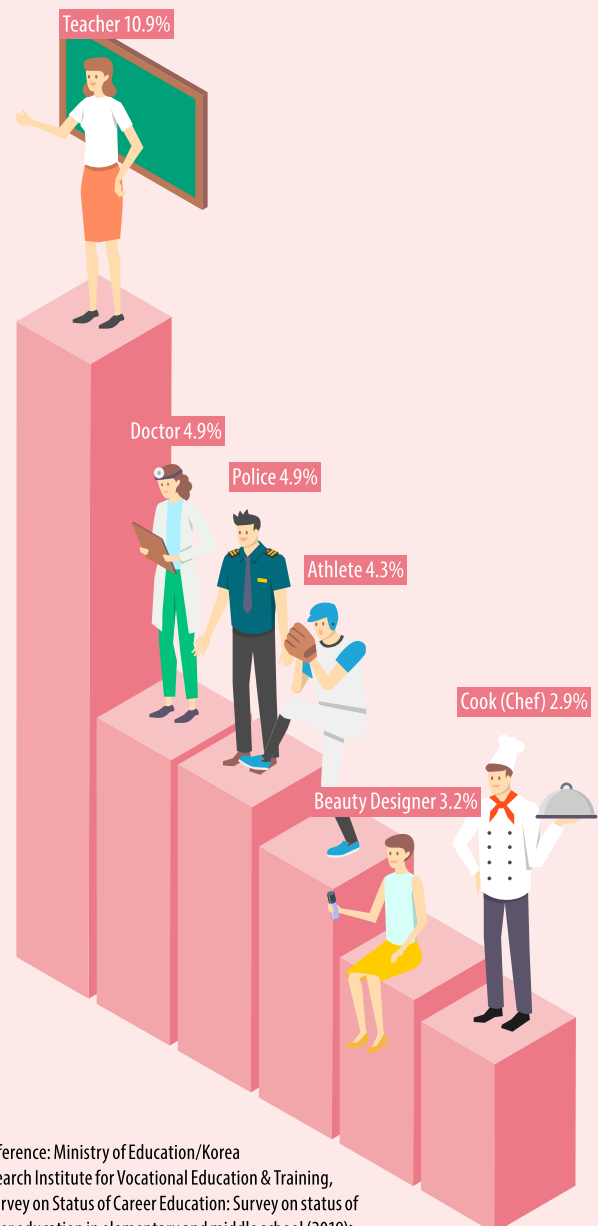


## Let your children experience everything and allow them to explore their career options

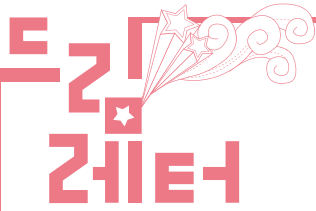
In order for your children to show more interest in various occupations and prepare for their future, it is important that they gain diverse experiences and explore their career options. Through first-hand experiences, they will learn that there are plenty of jobs to choose from. While experiencing various jobs and finding information, the children will discover which jobs are best suited to their interests, aptitudes, characteristics, and values.

Reference: Kumsung Publishing Co., Ltd.  
<Career and Jobs for Middle School>

## The Top Five Future Career Choices of Middle School Students



\*Reference: Ministry of Education/Korea  
Research Institute for Vocational Education & Training,  
<Survey on Status of Career Education: Survey on status of  
career education in elementary and middle school (2019)>



# Exploring the Future Career of Middle School Students

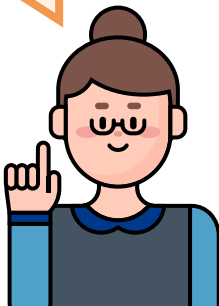
## Through Interviews with Professionals

Read the following interviews to learn more about the duties and characteristics of certain jobs.  
Let's take a look at some of the professions that were included as a dream job for middle school students.

### Special Education Teacher Park ○○

"When exploring careers, you need to make sure that your work feels rewarding based on your aptitude. I discovered my job as a special education teacher while searching for my aptitude through various experiences. The experience of meeting disabled students at a special education school made my life worthwhile."

\*Reference: Career Net ([www.career.go.kr](http://www.career.go.kr)) > Career Information > Interview of Professionals > Career Path > Search 'teacher'



### Doctor Yoo ○○

"I'm a physician as well as an activist of 'Doctors Without Borders'. It's important to identify the values and lifestyle that you wish to pursue. You should also consider whether you are physically fit to uphold your duties as a doctor."

\*Reference: Work Net ([www.work.go.kr](http://www.work.go.kr)) > Jobs/Career > Career Information > Interview of Professionals > Search 'doctor'



### Railway Police Officer Kim ○○

"This is a job that protects railways and subways crowded with people. We also track lost items in subways back to their owners, and listen to both sides involved in a conflict. Due to the fact we work in the field and in shifts, the job demands physical fitness and the willingness to approach people in need of help."

\*Reference: Official post by the Ministry of Land, Infrastructure and Transport ([m.post.naver.com/my.nhn?memberNo=5113437](http://m.post.naver.com/my.nhn?memberNo=5113437)) > Series Ontong | Jobs > 'Duties of railway police told by an incumbent police officer'



### How much does your child know about his/her dream job?

Child's dream job	Duties of the job learned through interviews	Thoughts
e.g.) Doctor	e.g.) Doctors can volunteer in NGO groups in addition to working in hospitals	e.g.) Becoming a doctor not only requires you to be knowledgeable in medicine but also to be physically fit enough to treat sick people without giving up.



### To learn about more professionals

You can read about stories of more professions in Interviews with Professionals at Career Net. With your child, find how others decided their career paths and learn more about their job description.

Career Net ([www.career.go.kr](http://www.career.go.kr)) > Career Information > Interview of Professionals



National Center for Parents Education [www.parents.go.kr](http://www.parents.go.kr)

# Understand Your Children's Concerns about Career Barriers

Students are usually worried about choosing a career or a major, and the gap between their dreams and reality. They might feel anxious about their uncertain future, or because they set their career direction too late. These problems seem like barriers that they cannot overcome. Let's look at the career barriers that influence our children's career goals and their solutions.

## 'Career barriers' encountered throughout the process of achieving goals

Career barriers refer to difficult situations that you face while trying to set and achieve goals for your career. It is a process you naturally go through while exploring and preparing for your career. The causes for career barriers include personal traits, values, motivation, and social, economic, and cultural structures. A sudden change in career due to an accident, difference in work ethics, physical limitations, etc., can also be the causes for career barriers. The process for your child to understand the cause of career barriers and overcome them can sometimes be difficult and overwhelming.

\*Reference: Samyang Media <Middle School Career and Occupation> Textbook



### The answer to career barrier is 'empathy'

The key to understanding and helping your child who is struggling with career problems is 'empathy.' If parents empathize with their child facing a career barrier, the child will feel encouraged. Differences in opinions or conflicts with the parents can be another career barrier for the child. If such differences exist, listen to your children's opinion and empathize with them in order to narrow down those differences.

### 'Online career counseling cases' to better understand your child's career barrier



Your children will be able to overcome a career barrier when you understand their situation and talk with them to find solutions together. Find cases of other high school students who had similar problems at the online career counseling Q&A. Read carefully through the replies of the career counselor to find similarities with your child. You will learn how to understand your child's situation and problems and how to give appropriate advices. You can also find words of encouragement for your child from various career counseling cases. Refer to these cases and become a reliable supporter for your child trying to overcome career problems.

## Career Net Online Career Counseling

Online career counseling cases can be found on Korea Research Institute for Vocational Education & Training Career Net ([www.career.go.kr](http://www.career.go.kr)), etc. Career Net counseling application corner also provides advanced counseling for multicultural students. Counselors can offer customized career path designs that will be helpful to solving your child's career problems.

Career Net ([www.career.go.kr](http://www.career.go.kr)) > Career Counseling > Request Counseling

\*Select 'advanced counseling type' at the bottom of the application > Select 'multicultural student (children from multicultural families)'







# Overcoming the Career Barrier In Front of Your Child

Career barriers can prevent your children from exploring broader options due to uncertainty and fear.

Everyone encounters a career barrier at least once in their life.

What are some career barriers that your child can face, and how can you help resolve them?

## People who surpassed their limits

Park ○○, the first Korean soccer player who joined the best team in the world, possessed an unparalleled spirit and endurance on the field. Surprisingly, he is known to be flat-footed. Having flat feet can impose a significant restriction to one's athletic abilities, but Park ○○ was able to overcome this through consistent practice and self-improvement. Actor Cheon ○○, who won the trophy at the Blue Dragon Awards, experienced a long period of obscurity and slump. However, he did not give up and continued to build his filmography until finally, he was recognized for his talent and performances. Similarly, most people achieve their goals by the time they overcome their career barriers and limits.



## How to tear down your child's career barrier?

Facing the fear is the first step in overcoming the child's career barrier. With your child, think about what career barriers could be blocking the way. Then, express both of your determination, by writing down the solution for each potential barrier. You might even catch a glimpse of your goals just over the barriers.

\*Reference: Samyang Media <Middle School Career and Occupation> Textbook

### Career barrier from child's perspective

e.g.) Proficient at one thing, but prefers the other more.

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### Solution from child's perspective

e.g.) Explore more types of jobs related to the field I prefer the most. Among them, choose the one that suits my abilities the best.

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### Career barrier from parents' perspective

e.g.) Wants to pursue a career but lacks confidence

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### Solution from parents' perspective

e.g.) First, assess my aptitude and interest. Then, receive the appropriate training or education that can improve my abilities in the field.

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\*References: Career Net > Career Counseling > Answers in Career Explorers



You can find more information on the career barriers that many teenagers face and the answers for counseling to solve these problems at Career Explorers on Career Net.

Career Net ([www.career.go.kr](http://www.career.go.kr)) > Career Counseling > Career Explorers > Career Island