

# The basic ability of Chinese teachers online teaching in the post-epidemic era

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**Abstract:** At the beginning of 2020, the COVID-19 epidemic swept the world, and countries all over the world adopted online teaching, and international Chinese education has faced unprecedented challenges. In the post-epidemic era, online Chinese teaching is bound to become a new normal of teaching Chinese as a foreign language, and teaching has changed from offline education to online education. The change of teaching platform and teaching mode puts forward higher requirements for the ability of Chinese teachers. This paper starts with the analysis of the International Standard for Chinese Teachers, and combines with the actual situation of Chinese teaching in the epidemic environment, trying to define the specific basic abilities of online teaching in Chinese teachers.

**Keywords:** Online teaching; Chinese teacher; Computer

## 1. A quote

The research on online teaching can be traced back to the 1990s, but the online research on teaching Chinese as a foreign language still needs to be improved. Before the outbreak of the epidemic, the online teaching of Chinese as a foreign language has been paid full attention to and is considered as a useful supplement to offline education. After the outbreak era, online teaching has become an indispensable part of Chinese language teaching, online Chinese teaching is a kind of online teaching behavior, really broke the limitation of time and space, realize the teaching channels of flexible and diversified, so the country in the Chinese teachers offline teaching ability and pay attention to the cultivation of teachers online teaching ability, cultivate to adapt to the time environment and have online and offline teaching ability of Chinese teachers. Therefore, it is of great significance to explore the ability requirements of Chinese teachers in online teaching, and to improve the quality of teaching Chinese as a foreign language under the new situation. Online teaching is supported by the Internet and taught by the live broadcast platform, which requires Chinese teachers to be familiar with and master the basic theories, knowledge and methods related to computers, understand the common modern teaching methods and network technologies, and can be applied to the practice of teaching Chinese as a foreign language[1-3].

## 2. Chinese teachers should have modern educational technology and the ability to use online teaching

As a teacher of Speaking Chinese as a foreign language, I should be familiar with the hardware knowledge of computer, be able to operate the computer independently, and understand the computer software and multimedia teaching equipment related to Chinese teaching.

Computer is the material basis and prerequisite for online teaching. It is familiar with the hardware composition and basic theoretical knowledge of computer, and can roughly judge its performance according to relevant parameters, which is conducive to Chinese teachers to timely respond to and solve various sudden problems of equipment encountered in online teaching, and ensure the smooth progress of online teaching.

Chinese teachers should be able to correctly use the various common operation commands of the computer and guide the students to operate, understand the common operation mistakes, and repair these mistakes accordingly. The common operation commands are:

- (1) Common cmd command

ipconfig / All: Display the details of the local TCP / IP configuration;

The ping: a command to check the network connectivity;

Netstat: Check the connection status of each port network.

(2) Common shortcut keys

Ctrl + P: Open the Print dialog box;

Ctrl + C: Copy the selected items or content to the clipboard;

Ctrl + X: Cut the selected items or content to the clipboard;

Ctrl + V: paste the contents in the clipboard to the current position;

Ctrl + S: Save the file contents of the current operation;

Ctrl + Z: Undo the previous step;

Alt + Tab: switch over the current program;

Alt + F4: Close the current application;

Alt + Esc: switch over the current program;

Win + L: Computer quick lock screen.

In the process of online teaching, the appropriate use of computer operation commands can save the cost of the class, so as to ensure the effective use of teaching time.

The most commonly used word processing software for teachers are Word and WPS. These two word processing software can be used for typesetting and editing, text proofreading, text mixing and print output. In practical application, we can use Word or WPS to write lesson plans, make test papers and courseware.

Table statistical tools are Excel, Access, etc., Excel is the most widely used data processing and statistical software. It can help us sort out and save personal information, such as address book, student information, etc. It can collect all kinds of teaching and scientific research materials, such as experience, reading notes and so on.

Slide making software Powerpoint, web animation making software Flash, multimedia animation making Authorare, etc. Slide is the highest utilization rate of a display software at the present stage, Chinese teachers should skillfully use slides to make courseware and demonstrate the teaching content to students. The use of multimedia courseware for teaching, through the multimedia courseware will be the knowledge points in each subject to show the image of animation, changed the traditional classroom teaching mode, make the boring teaching activities become vivid and interesting, so that students are easy to accept.

In addition to using computers, Chinese teachers also use other electronic devices such as microphones and scanners when teaching online classes. The use of microphones can make the teacher's words more clearly and centrally transmitted to the students, reduce the noise interference of the surrounding environment, and improve the teachers' teaching quality and the students' listening experience. Chinese teachers should also master the operation of scanning and recognition, because a lot of data can be scanned and recognized into the computer through the scanner, to reduce the work of text input.

Being able to install and uninstall various commonly used software is the basic condition for online Chinese teaching. Chinese teachers will use a variety of software in the teaching process, such as video playback software, audio playback software, screen recording software, etc. For online teaching, we should also be skilled in the installation and use of various live broadcasting platforms. At present, many platforms include: Chinese Alliance, Tencent Classroom, Zoom, Tencent Conference, Dingding, Bilibili Live ji, wechat group, QQ group, rain class, etc. Among them, Zoom is the international mainstream audio and video conference software, and the Chinese Language Alliance is a website specially developed for Chinese language teaching during the epidemic period. It integrates live broadcasting, micro class, MOOC and examination, and provides comprehensive Chinese learning resources.

Computer-aided teaching is a teaching method, computer-aided teaching is the main content of modern educational technology. Computer-aided teaching of Chinese teachers is closely related to

information processing technology, including Chinese information platform, Chinese character recognition, speech synthesis and recognition, corpus, natural language understanding, machine translation and other technologies. Chinese teachers should reasonably arrange computer-aided teaching according to the different teaching wooden boards, teaching contents and teaching objects, guide students to conduct classroom interaction through computer-aided teaching technology, and guide students to use relevant technology to complete after-class self-study.

Chinese teachers should understand and master the basic methods of prevention, identification and killing of computer virus diseases to carry out online teaching. Computer virus is a kind of program that destroys computer systems and stored resources. It can also invade other computer systems through transmission and conduct malicious operations through transmission. With the advancement of online teaching, it is very important to prevent computer viruses and create a good network environment. How to guard against computer viruses? First of all, choose a suitable computer virus detection software, the software should not only be able to scan and detect viruses, timely update virus information, but also can identify viruses and kill viruses. Secondly, it is necessary for Chinese teachers to clean up their computers, upgrade and update the virus detection software, and update the computer virus data. Finally, teachers need to timely back up the data in the system, such as courseware, audio and video materials, etc.

The course management system can help teachers to manage teaching plans, adjust teaching resources, construct tests and score. It is the platform for teaching departments to carry out daily teaching management and the central system connecting teachers and students. As a Chinese teacher, proficiency in using the local curriculum management system is a prerequisite for the smooth development of online teaching. Chinese teachers can view students' information, publish courses, view course information, and input results through the course management system.

As a teacher of speaking Chinese as a foreign language, he should master the basic network knowledge and make reasonable use of various network education resources to serve the teaching. The network organically combines text, sound, graphics, animation, video and other advanced technologies, which has a huge influence and attraction on students visually and auditory, so that students can accept knowledge more quickly and more.

Chinese teachers should be familiar with the use of the Internet, be able to search for classroom design and courseware through the Internet, and absorb the advantages of others.

In teaching activities, Chinese teachers use online education resources to download learning content, enrich classroom practice, expand the amount of information for teachers and students to learn, so that teachers and students can enjoy more opportunities for high-quality resources, which is conducive to improving the level of education and teaching. The rapid development of network technology involves a wide range of aspects, which will inevitably affect all aspects of the teaching process, especially to play a great role in promoting Chinese teachers' lesson preparation. Lesson preparation is a very important link in the whole teaching work. Whether teachers can prepare lessons is the premise of good classroom teaching and an important link to improve the teaching level quickly. Network lesson preparation provides an infinite and broad space for Chinese teachers, to absorb knowledge from various aspects, and is a good helper in providing lesson preparation materials. In the advocacy of modern educational technology today, the network classroom, multimedia courseware has become a trend, the network has provided us with a lot of materials, network lesson preparation, network teaching and research on the Internet has become a hot topic of discussion, so that academic discussion provides a good environment. At the same time, the network resources provide us with a large number of useful teaching pictures and courseware for reference, download ready-made courseware, applied to lesson preparation, the teaching effect will be significantly improved, to achieve the effect of twice the result with half the effort.

Online teaching makes it impossible for Chinese teachers to go to the location of students to communicate with students face to face, and also unable to personally understand the local life, food, customs, etc. However, with the help of the Internet, we can search the humanities, geography and other information around the world anytime and anywhere. It is helpful for Chinese teachers to understand students' cultural habits and taboos in advance, and to contribute to the smooth development of the course[4-8].

Chinese teachers should be familiar with the methods of downloading and uploading various documents and Chinese learning materials. The Internet is a huge database, and in general, we can find everything we want. In the process of lesson preparation, Chinese teachers use the Internet to download various pictures, videos, audio and other resources suitable for the course content, integrating them into

the teaching process, enriching the classroom content and improving the teaching quality. Chinese teachers can also upload the courseware to the network platform to realize the sharing of teaching resources and facilitate students to download and learn.

Now blog culture has become popular all over the world and become a platform for people to communicate and show. Through this platform, teachers can freely express their opinions, express their own feelings and release their own emotions. On the blog, teachers can publish their own articles, summarize their teaching experience, insights and teaching methods, and share them with peers around the world to promote their academic views and educational ideas. In this process, teachers can not only constantly improve and improve themselves, but also can make their own physical and mental pleasure. Although the third-party blog platform has gone downhill, their influence cannot be ignored. At present, the more well-known blog platforms in China are: Sina blog, netease blog, Sohu blog, Tianya blog, Tencent blog and so on. These blog platforms are among the best in China, and can be used as long as they register. In the online teaching mode, Chinese teachers can strengthen the communication and communication with learners by establishing blogs or personal homepage, and effectively promote the development and progress of teaching.

In addition to remote teaching through various Chinese live broadcasting platforms, Chinese teachers can also convey information, collect information and feedback information to students in other ways. Such as email, chat room, video, etc. Among them, E-mail is a direct approach to the information exchange between people in the whole network system. Its data sender and receiver are both people, so it greatly meets the communication needs of most people. In addition to plain text content, email can transmit messages containing software, data, and even audio, video, or various multimedia messages. E-mail is currently the most common way of communication suitable for international communication. Use E-mail to facilitate Chinese teachers to communicate with students from all over the world.

Common global network security problems are mainly manifested in computer viruses, hackers and network traps. Response to network security issues:

- (1) Enhance the awareness of network security through learning through various channels.
- (2) Protect personal information, do not register and fill in personal information on the web page with security risks.
- (3) Consciously resist bad temptation, for the obvious attractive website do not click easily on.
- (4) Develop good Internet habits, such as remember to turn off all web browsing after using public computers, and need to confirm that there is no important personal information left.

For Chinese teachers, they should know how to install software to detect and kill viruses and Trojan horses, timely repair system vulnerabilities, encrypt and backup important data, pay attention to personal account and password protection, and develop good Internet habits[9-11].

### 3. Conclusion

This paper mainly analyzes the modern educational technology and application of standard 9 in the fourth teaching method of International Chinese Teacher Standard to explain the ability of using modern educational technology in online teaching in the post-epidemic era.

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