

Information Literacy Education of Public Libraries under the Network Environment

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Keywords: Network environment, Public library, Information literacy

Abstract: Public libraries need to find suitable information resources, formulate appropriate retrieval strategies, retrieve, obtain, evaluate and organize information, and integrate new information. Information literacy education is not only to meet the needs of the information society, but also the best way to carry out lifelong education in modern students. A major issue facing people is how to adapt to the network environment and grasp the development trend of the network era and its great influence. The newly purchased database of the library will first be used by the librarians of the library, and the contents of literature elective courses offered to students will first be taught by the librarians of the library. Strengthen the introduction of online library knowledge, and equip a librarian specially to lead freshmen to the electronic reading room to watch the special CD-ROM explanation video of the library, which not only explains completely and consistently, but also shortens the explanation time, changes their habit of using the library and adapts to the retrieval requirements of the library under the network conditions as soon as possible.

1. Introduction

With the development of computer technology, network technology and information processing technology, society has gradually crossed the era of information and networking. As an important information source and information channel, network has promoted the emergence and vigorous development of digital libraries. Public libraries can provide professional training for librarians in the course of document information resource retrieval. During the training, all librarians should strive to have a better understanding and mastery of the library's resources, the retrieval and use of resources and the use of databases. Public libraries need to find appropriate information resources, formulate appropriate retrieval strategies, retrieve, obtain, evaluate and organize information, and integrate new information. Information literacy education is not only to meet the needs of the information society, but also the best way for contemporary students to carry out lifelong education[1]. As the center of campus culture and an important base of cultural education, public libraries have their own unique advantages in information literacy education. So as to cultivate college students' various skills, such as development ability, research ability, thinking ability, expression ability and organizational management ability.

Many government departments or service institutions have also begun to use the Internet to carry out various information inquiries and business activities, so that people can easily and quickly enjoy various services, but at the same time, it has brought various inconveniences to those who do not have the skills to use the Internet[2]. One of the major issues people are facing is how to adapt to the network environment, grasp the development trend of the network era and its huge impact. The newly purchased database of the public library should first be used by the librarians of the library, and the content of the optional course of literature offered by students should be taught and educated among the librarians of the library[3]. In this way, the general problems of readers in the reading rooms can be solved in time.

Strengthen the introduction of knowledge of online public libraries, and assign a librarian to lead the new students to the electronic reading room to watch the special CD interpretation video of the library, which not only makes the interpretation complete and consistent, but also shortens the

interpretation time. As the core of reader education, information literacy education is not only the education of computer skills and information acquisition skills. Its educational purpose is to cultivate the information awareness, information knowledge, information ability and information morality of the educated, and establish the space-time view of the information age[4]. Timely understand the new database products and updated retrieval platform of the public library, better grasp various retrieval functions and personalized services, change their habits of using the library, and adapt to the retrieval requirements of the library under the network conditions as soon as possible[5].

2. The Present Situation of Information Literacy Education in Public Libraries

2.1 Weak Information Consciousness

Information consciousness is the intrinsic motivation for people to use information systems to mine and obtain the information they need. The strength of information consciousness determines the degree of people's consciousness of analyzing, judging and using information, and plays a very key role in whether they can obtain valuable information and improve their ability to obtain it[6]. The 21st century is a new stage of library development. Under the guidance of the new concept of cultural development, the symbol of evaluating whether a library is modern can no longer be measured by the amount of books collected. Strengthen the introduction of online library knowledge. Specially equipped with a librarian to lead freshmen to the electronic reading room to watch the special CD-ROM explanation video of our library, which not only explains completely and consistently, but also shortens the explanation time.

Public library is an important part of social education system, and it is also a public welfare undertaking closely related to information construction. It is the main task of public library to build itself into a “regional information resource center” and a “citizen information literacy education center”. We should look at the number of books it serves readers, the types of books, the service means and management functions of modern technology, and whether it is convenient. It is its main duty to ensure that citizens enjoy information services fairly and equally. All libraries attach great importance to freshmen's library education, but it mainly introduces the basic situation of the library and the relevant rules and regulations, service methods and service items of the library, while it is less involved in improving readers' online retrieval skills and making them have certain information literacy.

2.2 Lack of Information and Knowledge

The education of cultivating readers' ability to use document information is to help readers understand document knowledge, library collections and service contents, and master the methods of document retrieval and utilization. That is to say, public libraries should not only provide citizens with a large number of information resources services, but also teach citizens how to acquire, identify and effectively use information resources existing in the Internet, except for the library's collection resources[7]. Enhance information awareness, be good at expressing document information needs, and be able to obtain documents and information through various retrieval tools and channels.

For a long time, the main focus of public museums has been on information services. In recent years, although social education has been paid attention to, the importance of citizens' information literacy education is clearly not understood enough, leading to the focus of social education on lectures, exhibitions and other aspects[8]. The channels to obtain information retrieval knowledge and ability and the way to obtain professional information need to be improved. To understand and master the following aspects, as shown in Figure 1.

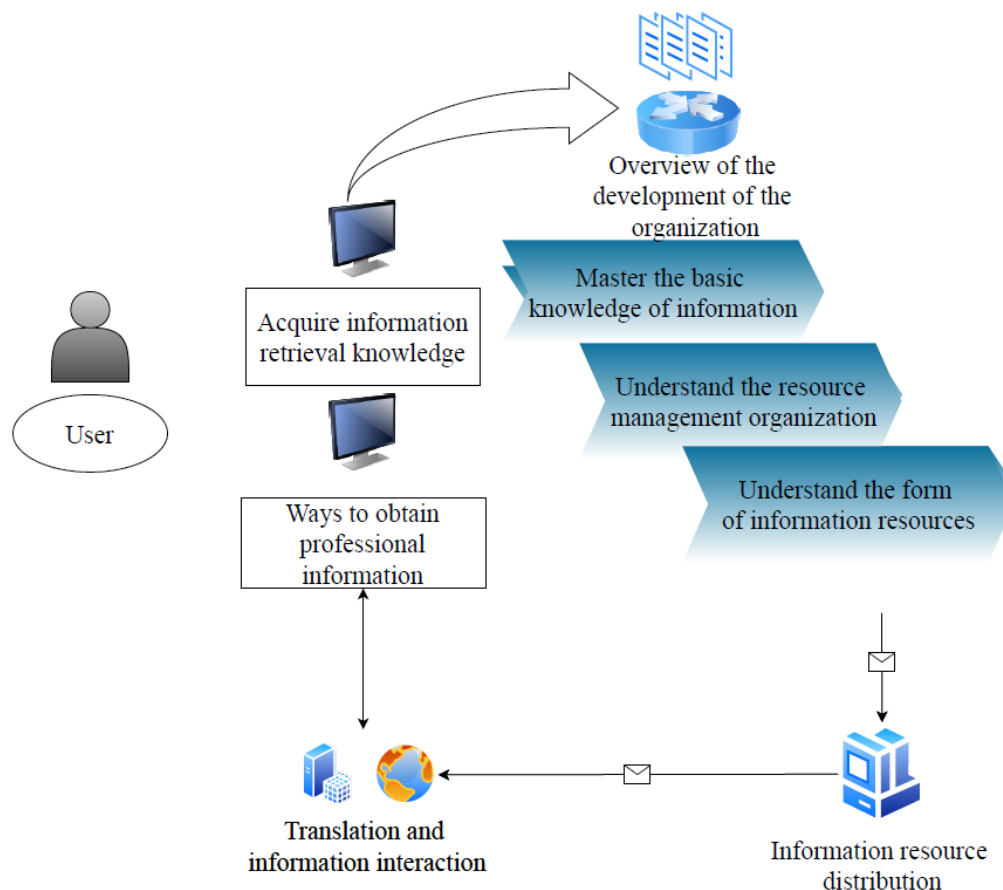


Fig.1 Relevant Contents of Acquiring Information Retrieval Knowledge and Ability

The diversification of modern document carriers and the materialization and virtualization of library collections have enriched the current collection resources to a certain extent. The research of public librarians on information literacy education is not only incomparable with that of university librarians, but also has a certain gap with the research of social education work such as lectures and exhibitions. The collection resources construction of modern public library education must face the new century and meet the needs of the current development of modern science and technology.

2.3 The Concept of Information Morality and Information Law is Not Strong

The construction of characteristic education and training resources in public libraries has become a measure of the main competitiveness of libraries. As the main institution of public cultural service in society, public library bears the most important responsibility for the cultural needs of the public. The collection construction of its education and training resources and the development and construction of electronic resources are the needs of the times and the main means to improve the service level and service ability of public libraries. Information ethics and legal education are very necessary, which requires a certain degree of information immunity and a certain degree of understanding of the privacy protection of personal information. In the future information society, we should not produce, disseminate or consume bad information, infringe on others' intellectual property rights, business secrets and privacy rights, enter unauthorized systems and use information technology to carry out criminal activities.

As the objects of public library education and training are mainly librarians in the library and readers from different institutions outside the library, these effective collection resources not only meet the learning and training needs of various readers, but also make rich resource preparations for attracting potential trainers. Education should follow certain information ethics and moral standards, develop good information moral quality, undertake corresponding social responsibilities and obligations, enhance their information moral quality and improve their information legal awareness.

3. Readers' Information Literacy Education under the Network Environment

3.1 Staff Education

Attention should be paid to the reader education of teachers and other teaching staff, which is not only conducive to the development of their own information quality, but also can promote teachers to better complete teaching and scientific research tasks. The real purpose of carrying out information literacy education for all is to “enable people from all walks of life to effectively find, evaluate, use and create information and achieve their personal, social, professional and educational goals[9].” The ability composition and knowledge level of librarians directly determine the quality of information transmission and the implementation of information literacy education. Clearly define the purpose, scope and level of information needs, quickly retrieve information, and integrate the collected information into their own knowledge base in an orderly manner. Information literacy education is a systematic project. The skill accomplishment of in-depth processing of useful information for further use in the organization and management process of information literacy education for college students is exactly the requirement of information literacy[10]. Therefore, this education inevitably involves a lot of knowledge of library science.

As for the library itself, it has the responsibility and obligation to condense the experience of information work and summarize its common and practical contents to the readers to improve their information literacy. The teacher education should focus on the ability to obtain new information, and select the content of education according to the research direction and specialty of teachers, so that they can understand the new database products and updated retrieval platform of the library in time. Formulate phased work objectives and long-term plans, carry out universal education for citizens within the jurisdiction on a regular basis and in batches, provide high-level training for citizens with specific needs, and keep this work normalized and sustainable.

3.2 Training on the Use of Various New Databases

With the continuous development of the network, the databases are also constantly updated, and all kinds of databases related to the disciplines of the university are introduced in time, which requires the library to carry out the education of new database retrieval in time. Table 1 shows the data items retrieved by the author in the China Academic Journal Publishing Database on July 4th, 2022 with the combination of “Keyword 1” and “Keyword 2”, from which we can see the importance attached by public librarians to related work research. Moreover, judging from the contents of nearly 50 articles downloaded by the author containing keywords such as “public library” and “information literacy education”, the research depth mostly stays in emphasizing that public libraries should play a corresponding role in information literacy education for all people. Although how to play a role is involved, the research is not deep enough.

Table 1 Search Entry Comparison Table

Keyword 1	Keyword 1	Number of articles
University library	Information literacy education	512
University library	Information literacy education	67
Public library	Lecture	289
Public library	Exhibit	149

Information literacy education should be carried out in multiple stages and levels, and should run through all stages of undergraduate and graduate study; Drawing on the experience of American information literacy education, we should formulate information literacy education norms and carry out publicity and education on national information policies, regulations and ethics. Full-time retrieval teachers or special data vendors are invited to explain the use of the database. So that readers can master the retrieval method of the required database as soon as possible, so as to retrieve the latest information. At the same time, the work of “information literacy education for citizens within the jurisdiction” should be included in the performance evaluation system of public libraries at all levels, and the responsibilities undertaken by libraries at all levels should be clarified and specific requirements should be put forward. Only in this way can we form a joint force of the

whole society and play a good role in improving the information literacy of the whole people.

3.3 Actively Carry out Online Education

Nowadays, with the rapid development of the Internet, university libraries should also attach importance to online reader education, so as to establish an equal communication channel with readers on the Internet and build a new interactive relationship under the network environment, so as to realize teaching interaction with readers more quickly and better. Students facing graduation thesis design and going to society will be given special lectures, focusing on training their information awareness and analysis ability; It is necessary to change the proportion of theoretical and practical courses and appropriately increase the content of document retrieval courses so that college students can master various knowledge and improve their comprehensive information literacy. Indirect assistance is to produce relevant video tutorials, put them on the library website or make teaching CDs to distribute to citizens, and distribute relevant brochures, guides and other promotional materials to citizens.

The two sides of the teaching can communicate through QQ, microblog and other tools, and the public library can assign a special person to be responsible for it. The purpose is to help citizens further master the identification and selection of network information, conduct in-depth inquiry of network information, including library information resources, and participate in the production of network information resources. Solve readers' questions in a timely manner. These methods greatly facilitate readers and are also a new way of reader education. We should not only carry out reader consultation on the Internet, but also extend the work of reader education. For example, we should run a library journal on the Internet and report the latest developments of the library to the readers in time.

4. Conclusions

Under the network environment, with the wide application of modern technology and the digitalization and networking of information resources, we should rely on the advantages of libraries to cultivate students' critical thinking, creative thinking and problem-solving ability in information literacy education. Education to cultivate readers' ability to use literature information is to help readers understand literature knowledge, library collections and services, and master the methods of literature retrieval and utilization. That is to say, public libraries should not only provide citizens with a large number of information resources services, but more importantly, teach citizens how to obtain, identify and effectively use information resources that exist in the Internet except the library collections. All libraries attach great importance to freshmen's library education, but it mainly introduces the basic situation of the library and the relevant rules and regulations, service methods and service items of the library, while it is less involved in improving readers' online retrieval skills and making them have certain information literacy. Various forms of education are carried out for different readers, and practical retrieval knowledge is taught in a flexible way. Through the analysis of the effect of education and training, it can meet the needs of trainees and readers. Pay attention to improving readers' information awareness, strengthen the cultivation of information skills and information acquisition ability under the network environment, and guide readers to make more effective use of various resources in libraries and networks.

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