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Research on the Model Construction of Teachers' Tacit Knowledge Sharing Based on Social Software

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Abstract

Teachers' knowledge sharing, especially the sharing of tacit knowledge is not only the purpose but also the main content of teachers' professional development. This article helps construct the model of teachers' tacit knowledge based on social software, in order to bring about a new viewpoint as well as a new thought pattern for the current sharing of teachers' tacit knowledge, through the survey and analyses on the prevailing situation of teachers' tacit knowledge sharing in primary and middle schools.

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Keywords: Social Software; teacher; tacit knowledge; share; model

1. Introduction

With the development of information technology and internet technology, human society has come into a new era of knowledge and economy. School is a knowledge-intensive organization, where teachers' management of knowledge plays the most important part. On one hand, the priority and individuality of "tacit knowledge" constitute the crucial part of teachers' individual professional competence. However, it is not easy to share teachers' "tacit knowledge" among teachers; therefore, it does not work well as for the common professional development of faculty members. In this case, it is of great significance for the improvement of teachers' professional development as well as quality, for the enhancement of schools' effectiveness and competitiveness, and for students' intellectual development to figure out what is teachers' tacit knowledge and how to better share it. Meanwhile, it also contributes new ideas to solve those questions that pop out of school-based teaching and research and teacher training. On the

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other hand, with the changes of people's ways of working, studying and living, more and more teachers take advantages of various softwares in their process of knowledge management, personal interest development and social communication. At the same time, Web2.0 social software has been widely spread in education field due to its humanization, openness, participation and convenience. It also offers perceptual and functional assistance in the sharing of teachers' knowledge, especially tacit knowledge sharing. Based on this, this article attempts to construct the model of teachers' tacit knowledge sharing based on social software (abbreviated to SS below), in order to bring about a new viewpoint as well as a new thought pattern for the current sharing of teachers' tacit knowledge, through the survey and analyses on the prevailing situation of teachers' tacit knowledge sharing in primary and middle schools.

2. Inevitability of teachers' tacit knowledge sharing based on SS

2.1. The driving force of educational informatization

Ever since the end of the 21st century, with the rapid development of information technology represented by computer technology, the executive model and development pattern in every field of society have been greatly changed, so do individuals' way of life and education. "Knowledge Economy" and "Information Society" have gradually become key attention concepts. The education environment of society nowadays is undergoing with tremendous changes. The functions and roles of the whole public education are constantly conditioned by new media and technologies, which gave birth to a new education pattern adapting to the information civilization and serving for information society. That is information education. Each and every department of education, even each part in the process of teaching has adopted modern information technology to explore and utilize information resources efficiently and transmit information rapidly conveniently and precisely, so as to actually share resources and greatly improve the quality, efficiency and creativity of education. With the development of educational informatization, it has become a top concern of every educator that how to use modern internet media to carry out higher efficiency of study, working and personal development.

2.2. The penetration of knowledge management theory through education field

Since the publishing of "economy based on knowledge" and a series of important reports in 1996 from OECD (the abbreviation of world Organization for Economic Cooperation and Development), a new economy centering on modern scientific technology, based on knowledge and information's production, storage, allocation and utilization, is covering the global, called knowledge economy. Knowledge becomes important resource in the process of social production.

Knowledge management today is no longer limited within the enterprise area; on the contrary, it has been greatly developing and has been popularized and extended to many other fields of social life, related with knowledge. Education has been the center of studying, spreading and creating knowledge. With wide application of information technology in education field, the knowledge-intensiveness of educational activities stands out bit by bit. Therefore, it is inevitable to study the application of knowledge management, and to insert the concept, methods, and the tricks of knowledge management into education.

2.3. The development and the popularity of the new technology represented by SS

In recent years, social software like Blog has been popularized on the Internet. It has been a hot topic ever since 2002, in which Blog was evaluated as another new pattern of network application coming after courseware, integrable ware, resource pool, educational website and other informational education

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