

health care services all promote the rise of health care services and are rapidly welcomed by the public. Ecotourism is a combination of forest tourism and health tourism, with the main purpose of improving physical health and relaxing mood. Based on the forest ecological environment, ecotourism achieves the purpose of health care through scientific planning, management and health knowledge guidance. Combined with Chinese traditional health culture, ecotourism uses forest tourism resources and facilities to help tourists strengthen their health and prolong their life, so as to effectively alleviate the psychological pressure of patients with emotional disorders.

**Table 1.** Effect of rural tourism on adjuvant treatment of patients with affective disorders

Factor	Beauty enjoyment	Enjoy fresh fruit	Warm service
Economics	4	4	4

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## MEMORY IMPAIRMENT AND INTUITIVE IMAGINATION IN MATHEMATICS METACOGNITION TEACHING OF SENIOR HIGH SCHOOL STUDENTS

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**Background:** Nowadays, with the rapid development of science and technology, knowledge has been rapidly increased and updated. In order to adapt to the development of society, learning becomes more and more important and becomes a lifelong process. That is to say, the 21st century is an era of knowledge economy and learning society, which requires the educated to learn to survive, learn to be, learn to learn to learn to learn to cooperate to learn to create. But the learner life, in school's time is limited, but the knowledge development is infinite and is rapid. Only by enabling learners to acquire and apply new knowledge on their own, can they adapt to the needs of the 21st century. Nowadays, lifelong education is advocated all over the world, so we must pay more attention to the cultivation of mathematical metacognition. In the process of curriculum reform, senior high schools are gradually deepening the reform. The new curriculum reform advocates the teaching of mathematical metacognition, so that learners can master the methods of life-long learning and form a correct view of knowledge and science.

In the current environment of basic education, the cognitive knowledge of senior high school students has been paid more attention to, but there are still many problems, which are mainly manifested in metacognitive experience and metacognitive strategy ability, especially the weakness of metacognitive strategy ability, which is the main reason why students feel learning difficulties. Metacognitive strategies include planning behavior, manipulating behavior and evaluating behavior. Students lack of planning, passive learning, lack of interest in learning the phenomenon of widespread.

**Objective:** As an important part of education, mathematics education plays an important role in developing and perfecting people's educational activities, in forming people's attitudes and ways of thinking towards the world, and in promoting social progress and development. In modern society, mathematics and cognitive teaching is an important aspect of lifelong education, which is the basis for citizens to further their education and the need of lifelong development.

**Subjects and methods:** The teaching of mathematical metacognition plays a special role in school education. It enables students to master the basic knowledge, skills and ideas of mathematics, and to express clearly and think in an orderly way. It also enables students to have an attitude of seeking truth from facts, a spirit of perseverance, and to learn to solve problems and understand the world by thinking in

a mathematical way.

**Study design:** Using stratified group random sampling, 600 high school students of different ages and genders were surveyed, and a total of 600 questionnaires were distributed and 600 were recovered with a valid number of 593.

**Methods:** Excel was used to calculate the effects of memory impairment and intuitive imagination in mathematics metacognitive teaching in high school students.

**Results:** Mathematical metacognition is the cognition of mathematical cognitive activities. The organic combination of mathematical metacognition knowledge, cognitive experience and cognitive monitoring can improve students' intuitive imagination ability. Through the study of metacognition theory, teachers study how to improve students' metacognition ability, so as to improve their level of mathematics metacognition, innovate the way of learning and improve students' metacognition ability, so as to promote the promotion of learning interest and achieve self-efficacy.

The results of this survey adopt the five-grade scoring method, using 1 to 5 grades to quantify the influence values of specific factors, 1 means irrelevant, 2 means slight influence, 3 means general influence, 4 means obvious influence, and 5 means full influence. The specific statistical table obtained is shown in Table 1.

**Table 1.** Effect of memory impairment and intuitive imagination in mathematics metacognitive teaching in high school students

Factor	Learning style	Metacognitive capability	Learning interest	Efficacy
Fresh students	4	5	4	5
Grade 2 in senior high school	5	4	4	5
Grade 3 of senior high school	4	4	5	4

**Conclusions:** Metacognition is a psychological process that involves many non-intellectual factors, such as learners' learning interest, learning motivation, learning methods, cognitive ability, self-efficacy, etc. In the ordinary teaching process, teachers should communicate more with learners and pay attention to the inner development of learners. At the same time, teachers should also strive to create an environment for students to learn independently, and promote the improvement of students' metacognitive ability in the school teaching environment. Through the daily teaching process of teachers, teachers should innovate the ways and methods of metacognitive ability training, so as to achieve the effect of alleviating students' memory barriers and improving intuitive imagination.

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## REFORM AND PRACTICE OF FINANCIAL ACCOUNTING TEACHING PARADIGM BASED ON EDUCATIONAL PSYCHOLOGY

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**Background:** Psychology is a science that studies psychological phenomena and their laws. It can provide scientific basis for the whole teaching process. Educational psychology is a group of subjects, and higher education psychology is a branch of school educational psychology. They have the same and different points, which is the relationship between individuality and commonness. Higher education psychology is the combination of psychology and education. It is a science to realize the aim of higher education. It provides psychological basis for realizing the social function of colleges and universities and teaching methods adapted to the characteristics of higher education. Since the 1930s, western financial accounting has been guided and restricted by the generally accepted accounting principles. The development of the generally accepted financial accounting is based on the accounting theory. In the 1970s, this task relied mainly on renowned accountants or academic groups to take responsibility for it. In the mid-70s of the 20th centuries, the western financial accounting showed a new trend. At the same time, financial accounting is the core course of accounting major, which is the foundation of learning follow-up courses. Traditional teaching methods cannot meet the needs of training accounting talents under the new situation. It is necessary to carry out teaching reform and research to improve students' enthusiasm and self-learning ability. Learning is everyone's own practice, is irreplaceable, modular teaching so that students complete the learning