

Essay Topics

\$\$\$001

Why do I want to do research in a scientific field?

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My chosen specialty is "Teacher training in pedagogy and methodology of primary education".
How do I see my professional future?

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How will my research impact the future of humanity?

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What are the prospects for the development of research in the field of primary education?

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Strategies for creating comfortable conditions in the classroom for students with special educational needs in the modern primary education system

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What are the most pressing problems in the field of modern primary education from your point of view?

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My talents and general career goals

\$\$\$008

The problem of development of the content and structure of primary education in school.

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Improving the readiness of modern primary school teachers to conduct research work at school

\$\$\$0010

The image of a modern primary school teacher.

\$\$\$0011

Current issues of methodological training of future primary school teachers.

\$\$\$0012

Development of critical thinking in primary education: assessing the effectiveness of using strategies in the classroom to achieve learning goals.

\$\$\$0013

Application of the principles of academic honesty in the development of projects, assignments, resources in primary education.

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Problems of modernization of primary education programs and training of primary school specialists.

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My scientific work: its relevance and value for science.

\$\$\$0016

Problems of professional training of future primary school teachers in pedagogical universities.

\$\$\$0017

The use of artificial intelligence in primary school: new opportunities in teaching.

\$\$\$0018

How does dual education contribute to the integration of primary education and the labour market?

\$\$\$0019

Gamification in primary education: motivating students with gaming technologies.

\$\$\$0020

The problem of educational standards: status and solutions.

BLOCK-1

###001

The role of the system of educational goals in the formation of educational values, which are the leading factor in the formation of the student's personality

###002

Methodology of scientific creativity

###003

The essence of the concepts of theory and method

###004

Methods of adapting teaching methods in accordance with the individual characteristics of students

###005

The meaning and goals of educational standards

###006

History of studying the methodology of the Kazakh language, the development of methodology as a science, the subject of study.

#007

The role of problem solving in a primary mathematics

###008

Thinking activity of students in solving problems

###009

Requirements for written work

###0010

Effective ways to improve the functional literacy of students using ICT in primary school

###0011

Use of innovative methods and their types in teaching

###0012

Current problems of teaching the discipline of knowledge of the world and their role in the educational process

###0013

Organization of work on preparation for solving problems

###0014

Distance learning system and its specifics

###0015

Modern methods and means used to assess the academic achievements of students

###0016

Forms of solving problems and their recording

###0017

New trends, paradigms, principles and directions of teaching the Kazakh language.

###0018

Cognitively interesting tasks that involve creative activity

###0019

Methods for conducting educational dictations at the stage of familiarization with the ABC book

###0020

General problems of the methodology of teaching problem solving

###0021

Justify the impact of using AR or VR technologies in a scientific and practical context in the educational process of primary school students.

###0022

Specifics of the criteria-based assessment system in primary school

###0023

Educational and methodological manuals used in teaching students the system of national and universal values

###0024

Grouping of methods for teaching the Kazakh language in primary grades

###0025

Requirements for textbooks and educational publications used in mastering a wide range of skills and content of primary school education

###0026

Textbook and program for the Kazakh language for primary grades

###0027

The concept of the paradigm of primary education

###0028

The importance of interdisciplinary connections in the educational process

###0029

Comparison of traditional and developmental learning systems

###0030

Development of mathematics in primary school education

###0031

International studies of functional literacy TIMSS and PIRLS

###0032

Basic requirements for solving examples

###0033

Technology for developing critical thinking through reading and writing

###0034

Personally-oriented pedagogical technology

###0035

Criteria-based assessment system for teaching using STEM technology in primary grades

###0036

Differences and similarities between pedagogical and innovative technologies

###0037

Methods of cognition in solving problems (logical operations)

###0038

Problems considered in the primary school mathematics course

###0039

Work on speech development at the stage of literacy training

###0040

Ways of developing creative activity of primary school students

###0041

Patterns and methodological principles of the Kazakh language

###0042

The first step of the teacher in planning a lesson

###0043

System of arrangement of examples in the course of mathematics of primary school

###0044

The essence and methods of work on speech development of primary school students

###0045

Use of interactive methods in Kazakh language, literature or mathematics lessons in primary school

###0046

Methods of education of primary school students based on Kazakh ethnopedagogy

###0047

Methodology of formation of thinking and speech skills using game technologies

###0048

Methodology of speech development

###0049

Conditions of problem-based learning in natural science

###0050

Organization of extracurricular work on knowledge of the world

BLOCK-2

###001

Methodology of targeted teaching of national values in the subject of knowledge of the world

###002

Methods of integrated use of local history material in the educational process of primary school

###003

The educational process is an integral part of the holistic pedagogical process.

###004

Basic patterns of learning.

###005

Technology of pedagogical interaction of students with parents.

###006

Educational work in developing enthusiasm of children and youth.

###007

Science and academic discipline, their relationship and features

###008

General characteristics of the content of the pedagogy course

###009

Credit system of education: essence, content, tasks

###0010

Methodological culture of the teacher

###0011

Philosophical, psychological foundations of the process of cognition in science

###0012

Levels of pedagogical research: methodological, creative, empirical.

###0013

Pedagogical activity as a social phenomenon

###0014

Ways of interdisciplinary teaching in primary school

###0015

Sources of comparative pedagogy

###0016

Three-stage lesson structure in innovative educational projects

###0017

Methods of pedagogical research and their application in educational practice

###0018

Characteristics of cognitive levels of Bloom's taxonomy

###0019

Methodological system for the formation of interdisciplinary connections in the study of primary school subjects

###0020

Problems of the content of the modern educational system in schools of Kazakhstan

###0021

Form of education in improving artistic and literary taste of students

###0022

Professionally significant qualities of the teacher's personality

###0023

Formation of creative competencies of future primary school teachers

###0024

Conditions for the implementation of interdisciplinary and intra-subject connections in the subject of natural science

###0025

The essence of the concept of language (speech) and the communicative behavior of the teacher.

###0026

The essence of the concept "pedagogical ethics"

###0027

Organization of research work in primary school

###0028

Features of the updated content of education

###0029

The connection between training and education.

###0030

Fundamentals of the psychological study of learning.

###0031

Neurophysiological problems of learning.

###0032

Current problems of learning theory.

###0033

Professional competencies necessary for a teacher to apply differentiated learning technology in primary school and its effective organization.

###0034

Educational programs in the modern world.

###0035

Scientific projects and research.

###0036

Ways to develop effective digital pedagogy

###0037

Social views on the goals of education.

###0038

Features of the content of a scientific monograph and its specificity

###0039

Terms of using project assignments in lessons of natural science subjects

###0040

System of passing the program materials

###0041

Theoretical and methodological foundations of the content of the updated educational program

###0042

Theoretical basis for the formation of researchers' competence

###0043

Prerequisites for updating the content of education in Kazakhstan

###0044

Cognitive approach in teaching (J. Piage, M. Montessori, L. S. Vygotsky).

###0045

Structural features of the implementation of project tasks

###0046

Conditions for activating the educational process in natural science

###0047

Pedagogical conditions for teaching the subject Cognition of the world in interdisciplinary connection

###0048

Difference and similarity of pedagogical technologies and innovative technologies

###0049

Features of academic and non-academic writing

###0050

Pedagogical conditions for developing students' research skills

BLOCK-3

###001

The scope of application of pedagogical design today

###002

Use of interactive platforms in teaching primary school students

###003

Principles of developing students' thinking skills

###004

Efficiency of active learning strategies

###005

Methodology of design in the field of education

###006

The difference between an experienced specialist in science and a young specialist

###007

Content and structure of general didactic principles of the curriculum of the subject ABC.

###008

The difference between gamification and game learning

###009

Teaching styles, strategies, approaches and their advantages

###0010

Globalization and comparative education

###0011

Competency-based approach in teaching (John Raven, A. Shelten, E. F. Zeer, I. A. Zimnyaya, V. A. Slastenin)

###0012

Pedagogical principles of teaching natural science

###0013

Describe the type of assessment that provides feedback between the student and the teacher and allows improving the educational process.

###0014

Factors determining the theoretical level of natural science knowledge

###0015

Ways to develop language skills of primary school students

###0016

Socio-situational approach to learning (A. Bandura)

###0017

Review of advanced education concepts (John Biggs and Kevin, Colliva taxonomy of educational outcomes)

###0018

The most important components of the content of natural science education

###0019

Principles of focus on the formation of functional literacy of the student's personality when studying subjects of the natural science cycle

###0020

Kolb's model - step-by-step formation of mental activity, "paradigm exchange" by Ken Robinson

###0021

Methodology - the science of scientific knowledge

###0023

Principles of organizing group excursions on the subject of natural science in primary school

###0024

Pedagogical sources and general concepts of pedagogical source studies

###0025

Concepts of the philosophy of education

###0026

Ways of using textbooks and teaching aids

###0027

Principles of teaching the subject of knowledge of the world with a focus on national values

###0028

Problem-oriented learning. History of the emergence and development of the "Case-study" method

###0029

Basic principles of the Bologna Declaration

###0030

Personally-oriented learning technologies

###0031

Educational program for young children: preparatory stage.

###0032

Application and implementation of artificial intelligence in primary school

###0033

Principles of using the modeling method in the educational process in natural science subjects

###0034

Learning based on motivation and self-management

###0035

Interaction between teacher and student

###0036

Metacognition in learning

###0037

Stages of the project method in teaching natural science

###0038

Thinking operations in the educational process

###0039

Conditions for using SMART criteria when setting competence-oriented goals

###0040

Methods for ensuring effective feedback

###0041

Principles of developing students' logical thinking

###0042

Technology of personality-oriented learning (theories of N.A. Alekseyev, I.A. Yakimanskaya, V.V. Serikov, etc.)

###0043

Possibilities of using graphic organizers in natural science lessons

###0044

Expected results before and during the primer period

###0045

Ways to make changes to curricula and programs in accordance with the requirements of modern society

###0046

General characteristics of didactic technologies

###0047

Paradigm as a methodological category

###0048

Quality of education and methods of assessing students' knowledge

###0049

Methodology and methods of comparative pedagogy

###0050

Characteristics of the concepts of "diagnostics", "educational diagnostics"