Program: Education & Psychology

This document outlines the scope of themes that may be included in the Olympiad tests. The themes are grouped by areas and are followed by the list of recommended references in the Russian and English languages.

1. Olympiad winner's skill set by Subject

To win the Olympiad in Education and Psychology, you must display a good grasp of knowledge, skills and competencies. You are expected to:

be familiar with the theoretical foundations of pedagogy and psychology, fundamental models of educational systems, the core concepts of both domestic and international approaches, principles governing the interaction between educational organizations and families, management strategies for educational institutions, conflict resolution techniques, as well as fundamental methods for monitoring and assessing educational organizations;

be able to develop and analyze educational programs for different education levels, showing a solid understanding of psychological foundations; to introduce novel practice-oriented programs into the educational system; to understand the development prospects of education and psychology, and anticipate problems and risks associated with these fields; to carry out analytical activities in education and psychology; to assess and resolve conflict situations in the educational process; to model pedagogical situations and relationships in parent and coworker groups;

have **skills** in interacting with parent and coworker groups, and use professional competencies to carry out analysis, engage in project-oriented activities, and conduct research.

2. Content

Section 1. Education analytics and research
1. *Research methodology: setting research goals and objectives, formulating hypothesis and research questions*. Research design. The research framework for educational development. Domestic and international practices of educational organization at different levels (pre-school, primary, secondary, and vocational education).
2. *Qualitative, quantitative, and mixed research methods.* Action research as a teacher's tool Mathematical statistics in education. Statistical correlation in education.
3. *Assessment in education: formative and evaluative*. Quality of education. Comparative analysis of multilevel educational assessments.
4. *Basic statistical methods of data analysis*. H-index. Scopus and Elsevier databases. Journal ranking.

Section 2: Developmental psychology and education
1. *Laws and dynamics of child's mental development.* Problems of age periodization of child development. Age crises as natural mental development stages. Age-related neoformations and the ways to address them within the educational system.

1

2. *Readiness for school education.* Psychology of early and preschool childhood. Psychology of the younger schoolchild. Psychology of adolescents and older schoolchildren.

3. *Applied aspects of pedagogical psychology.* Research methods in pedagogical psychology. Laws of the assimilation process. Learning and development. Cognitive approaches to learning. Humanistic approaches to teaching. Motivation and teaching.

Section 3. History of pedagogy and pedagogical design

1. *Major figures in the history of pedagogy.* Education in the primitive communal system. Education in Sparta and Athens. The Age of Renaissance. Pedagogy in capitalist societies. Democratization of education. Educational utopias. Western views on the development of education and educational techniques. Classical school. Alternative school (Rudolf Steiner, Maria Montessori, Cécile Loupan, Glenn Doman, etc.).

2. *Background for the emergence of new pedagogical ideas.* Theory and emergence of the game. Teaching technology. Didactics. Personality-oriented and humanistic paradigms. Influence of alternative pedagogy on the formation of the classical school.

3. *Learning process and its patterns.* Goal-setting and planned educational results. The content of education. Types of classes. Ways of organizing students (pupils) at the lesson.

4. *Basic principles of pedagogical design.* Theories and models of pedagogical design. External and internal motivation. Attracting students' attention.

5. *Needs analysis.* Designing learning objectives and outcomes. The concept of competencies. General cultural competencies. Professional competences.

6. *Design of educational technologies and training task development.* Development of test tasks and evaluation systems. Fishbowl strategy, Six Thinking Hats, Jigsaw. Brainstorming techniques.

Section 4. General psychology

1. *Theoretical foundations of psychology.* Stages of development of psychology. Psyche and consciousness. Cognitive and emotional-volitional mental processes, mental states.
Main areas of psychology: behaviorism, psychoanalysis, Gestalt psychology, humanistic psychology, cognitive psychology. Basic methods of psychology: observation, experiment, conversation.

2. *Psychology of personality and social psychology.* The concept of personality in philosophy, sociology, and psychology. Correlation of the concepts: individual, individuality, personality. Theories of personality (Siegmund Freud, Carl Jung, Alfred Adler, Karen Horney, Abraham Maslow, Ernst Kretschmer, William Sheldon). Temperament. Character. Abilities. Motivation. The problem of communication in psychology.

Section 5. Current trends in education and educational technologies

1. *New technologies in the educational process.* MOOCs. Gamification of the educational process.

2. *Hard skills. Soft skills.* 4C's: cooperation, communication, creativity, critical thinking.

3. *Globalization, mass-marketization, and marketization in education.* Combating inequality in education.

4. *Pedagogical measurements.* Indicators and properties of measurements: education, learning, metrics of object-spatial and educational environments.

5. *Qualitative measures (knowledge and skills) and external evaluations* Assessment of learning and overall course performance.

Section 6. Clinical psychology

1. *Health psychology*. Mental health. Mental illnesses and mental disorders. Classification, diagnosis of mental disorders. Prevention.
2. *Psychology of deviant behavior*. Types of addictions.
3. *Psychology of mental developmental disorders*. Disorders of mental functions and patterns of functioning.
4. *Psychotherapy*. Approaches and methods of psychotherapy. Intervention.

Section 7. Educational management

1. *Characteristics of managerial aptitude*. Public administration. Policy and goal-setting. Legal regulation of educational structures. Legal framework.
2. *Educational management in the institutional, functional, and scientific contexts*.
Competence and public spending on education. Strategic planning. Information transparency.
The principle of democracy. Autonomy of educational organizations.
3. *Management classes*. Institutional context. Functional context. Scientific context.
Theoretical and applied knowledge.

Section 8. Special pedagogy

1. *Objectives of special pedagogy*. Developing a theoretical and methodological framework for special education and upbringing. Devising principles, methods, and content for educating children with developmental disabilities.
2. *Branches of special pedagogy* (Education for the visually and hearing impaired, and the mentally challenged; speech therapy).
3. *Inclusive education*. The Law on Education. Health limitations. Adapted curriculum. Individual study plans. Accessible learning environment and recourse rooms. Inclusive education models.

Recommended literature

Section 1. Education analytics and research

Source	Topic
1. Bhattacherjee, A. (2012). Social science research: Principles, methods, and practices. (Access is limited) https://digitalcommons.usf.edu/cgi/viewcontent.cgi?article=1002&context=oa_textbooks 2. Building a bridge between research and educational practice, (Access is limited) https://onlinelibrary.wiley.com/doi/full/10.1002/tea.20392 3. Hallinan, M. T. (Ed.). (2006). Handbook of the Sociology	Research methodology: setting research goals and objectives, formulating hypothesis and research questions

of Education. Springer Science & Business Media (Access is limited) https://link.springer.com/book/10.1007/0-387-36424-2	
4. Van Blerkom, M. (2008). Measurement and statistics for teachers. Routledge. (Free access) https://socialsciences.exeter.ac.uk/media/universityofexeter/collegeofsocialsciencesandinternationalstudies/education/research/centres/writing/innovationschools/Measurement_And_Statistics_For_Teachers.pdf 5. Taras, M. (2005). Assessment–summative and formative–some theoretical reflections. British journal of educational studies, 53(4), 466-478. (Access is limited) https://www.tandfonline.com/doi/abs/10.1111/j.1467-8527.2005.00307.x	Qualitative, quantitative, and mixed research methods
6. Cohen, L., Manion, L., & Morrison, K. (2018). Research Methods in Education. New York: Routledge. (Free access) https://gtu.ge/Agro-Lib/RESEARCH%20METHOD%20COHEN%20ok.pdf	Assessment in education: formative and evaluative
7. Mike Lambert. (2019). Practical Research Methods in Education : An Early Researcher's Critical Guide. Routledge. (Free access) https://www.researchgate.net/publication/330534039_Practical_Research_Methods_in_Education_An_Early_Researcher%27s_Critical_Guide	Basic statistical methods of data analysis
Name of the source in Russian language	**Topic**
1. Kurshner Y.Z. Methodology and methods of pedagogical research (textbook), Mogilev, 2001. 78 c. (Free access) https://pedlib.ru/Books/1/0473/index.shtml 2. Pedagogical design: Russian and foreign research agenda / E.V. Chernobay (scientific editorial board), E.A. Efimova, Y.N. Koreshnikova, M.A. Davlatova; National Research University Higher School of Economics, Institute of Education. - m.: National Research University Higher School of Economics, 2022. - 44 c. - 100 copies. - (Modern analytics of education. NO. 3 (63)) (Free access) https://ioe.hse.ru/pubs/share/direct/593673038.pdf	Research methodology: setting the goals and objectives of the research, formulation of hypotheses and research question. Qualitative, quantitative and mixed methods. Assessment in education: formative and evaluative.

4

3. Study of the profile of supraprofessional competencies demanded by leading employers when hiring university students and graduates and young specialists / E.A. Stepashkina, A.K. Sukhodoev, D.Y. Guzhelya; National Research University Higher School of Economics, Institute of Education. - m.: National Research University Higher School of Economics, 2022. - 32 c. - 100 copies. - (Modern analytics of education. № 2 (62)). (Access is limited) https://ioe.hse.ru/pubs/share/direct/575367109.pdf	Basic statistical methods of data analysis.

Section 2: Developmental Psychology and Education

1. PSYCHOLOGY OF LEARNING Guy R. Lefrançois (Free access) https://books.google.ru/books/about/Theories_of_Human_Learning.html?id=blK8jwEACAAJ&redir_esc=y 2. Theories of Human Learning: Mrs. Gribbin's Cat Guy R. Lefrançois (Access is limited) https://www.cambridge.org/ru/universitypress/subjects/psychology/educational-psychology/theories-human-learning-mrs-gribbins-cat-7th-edition?format=PB&isbn=9781108735995 3. Psychology for Teaching 9th Edition Guy R. Lefrançois (Access is limited) http://maktaba.pu.ac.ke/cgi-bin/koha/opac-ISBDdetail.pl?biblionumber=1266	Laws and patterns of a child's mental development
4. DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE, Eighth Edition. David R. Shaffer, Katherine Kipp. Senior Publishers: Linda Schreiber, Michele Sordi. 1985 (Access is limited) https://www.studypool.com/documents/27827968/developmental-psychology-childhood-and-adolescence-eighth-edition 5. DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE Wadsworth/Thomson Learning, 2002 (Access is limited) https://handoutset.com/wp-content/uploads/2022/05/Developmental-Psychology-Childhood-and-Adolescence-Seventh-Edition-David-R.-Shaffer-Katherine-Kipp.pdf 6. DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE David R. Shaffer, Katherine Kipp	Readiness for school education

2013 (Access is limited) https://www.researchgate.net/publication/260296797_Development_Psychology_Childhood_and_Adolescence	
7. LIFE-SPAN HUMAN DEVELOPMENT Carol K. Sigelman, Elizabeth A. Rider 2008 (Access is limited) https://www.wheelers.co.nz/books/9781111343132-life-span-human-development/?series=Cengage+Advantage+Books&status=all&page=16 8. HOW CHILDREN DEVELOP Robert S. Siegler 2002 (Access is limited) https://psycnet.apa.org/doiLanding?doi=10.1037%2F0003-066X.60.8.769	Applied aspects of pedagogical psychology
Name of the source in Russian language	**Topic**
1. Potapova V.V., Fedorenko M.V. Developmental psychology: norm and pathology. - Educational and methodological manual for students studying developmental psychology, age psychology, special psychology, parents from foster families. - Kazan: K(P)FU, 2014. - 138c. (Free access) https://kpfu.ru/portal/docs/F1732637130/Psihologiya.razvitiya.norma.i.patologiya.pdf	Laws and patterns of a child's mental development.
2. Koneva O.B. Psychological readiness of children for school: textbook. - chelyabinsk: publishing house, 2000.- 32 p. (Free access) Https://pedlib.ru/books/2/0304/2_0304-1.shtml	Readiness for schooling
3. Pedagogical psychology: course information materials: Textbook. - Nizhnevartovsk: Izd-v. Nizhnevart. humanit. un-ta, 2008. - 290 c. (Free access) https://nvsu.ru/ru/Intellekt/1130/Snegireva%20T.V.,%20Arhipova%20T.T.%20Pedagogicheskaya%20psihologiya%20-%20Uchebnoe%20posobie%20-%202008.pdf.	Applied aspects of pedagogical psychology

Section 3. History of pedagogy and pedagogical design

Source	Topic
1. David Carr (2005). Making Sense of Education. An Introduction to the Philosophy and Theory of Education and Teaching. RoutledgeFalmer (Access is limited) https://pressbooks.pub/lidtfoundations/chapter/an-instructional-theory-for-the-post-industrial-age/ 2. Ertmer. P. A., & Newby, T. J. (2018). Behaviorism, Cognitivism, Constructivism. In R. West (Ed.). Foundations of Learning and Instructional Design Technology (1st ed.). (Access is limited) https://edtechbooks.org/lidtfoundations/behaviorism_cognitivism_constructivism 3. Dousay, T. A. (2018). Instructional design models. In R. West (Ed.), Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://www.researchgate.net/publication/322355533_Instructional_Design_Models 4. Martin, Troy and Davies, Randall, "Student Retention and Persistence in University Certificate-First Programs" (2022). Faculty Publications. (Access is limited) https://scholarsarchive.byu.edu/facpub/5851/ 5. Coryell, Brittany, "How Well Do Students Perform on A Five-Paragraph Analysis Essay When Writing Digitally Versus Handwritten?" (2022). Dissertations, Theses, and Projects. (Access is limited) https://red.mnstate.edu/thesis/640/	Principles of teaching and learning. Major figures in the history of pedagogy.
6. Reigeluth, C. M. (2018). An instructional theory for the post-industrial age. In R. West (Ed.), Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://lidtfoundations.pressbooks.com/chapter/an-instructional-theory-for-the-post-industrial-age/ 7. Needs analysis: how to determine training needs. Retrieved from (Access is limited) https://hr-guide.com/Training/Determining_Training_Needs.htm	Teaching methods and resources. Background for the emergence of new pedagogical ideas
8. Bloom's Taxonomy of Learning Domains: The Three Types of Learning. Big Dog & Little Dog's Performance Juxtaposition. Retrieved 28 May 2009 from (Access is limited) http://www.nwlink.com/~donclark/hrd/bloom.html 9. David Carr (2005). Making Sense of Education. An	The basics of pedagogical design. Learning process and its patterns

7

Introduction to the Philosophy and Theory of Education and Teaching. RoutledgeFalmer (Access is limited) https://www.taylorfrancis.com/books/mono/10.4324/97802 03994702/making-sense-education-david-carr 10. Hallinan, M. T. (Ed.). (2006). Handbook of the Sociology of Education. Springer Science & Business Media. (Access is limited) https://link.springer.com/book/10.1007/0-387-36424-2	
11. Psacharopoulos, G. (Ed.). (2014). Economics of education: Research and studies. Elsevier. (Access is limited) https://www.researchgate.net/publication/40676362_Econo mics_of_education_research_A_review_and_future_prospe cts 12. Anderson, T. (Ed.) (2008). Theory and practice of online learning (2nd ed). Edmonton, Alberta, Canada: Athabasca University Press. (Part 1). Available (Access is limited) http://www.aupress.ca/index.php/books/120146	Needs analysis. Basic principles of pedagogical design
13. Johnes, G., & Johnes, J. (Eds.). (2007). International handbook on the economics of education. Edward Elgar Publishing. (Access is limited) https://www.academia.edu/26022826/International_Handb ook_on_the_Economics_of_Education	Development of learning activities. Needs analysis
14. Bloom's Taxonomy of Learning Domains: The Three Types of Learning. Big Dog & Little Dog's Performance Juxtaposition. Retrieved 28 May 2009 from (Access is limited) http://www.nwlink.com/~donclark/hrd/bloom.html 15. Reigeluth, C. M. (2018). An instructional theory for the post-industrial age. In R. West (Ed.), Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://lidtfoundations.pressbooks.com/chapter/an-instructional-theory-for-the-postindustrial-age/ 16. Ertmer. P. A., & Newby, T. J. (2018). Behaviorism, Cognitivism, Constructivism. In R. West (Ed.). Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://lidtfoundations.pressbooks.com/chapter/behavioris m-cognitivismconstructivism/	Technology- enhanced learning. Educational technology design and instructional assignment formulation
Name of the source in Russian language	**Topic**
1. History of pedagogy and education: textbook / O.B. Lobanova, Z.U. Kolokolnikova - Krasnoyarsk: Siberian Federal University. Lobanova, Z.U. Kolokolnikova - Krasnoyarsk: Siberian Federal University, 2013. - 163 p.	Major figures in the history of pedagogy. Background for the emergence of new pedagogical

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https://lpi.sfu-kras.ru/files/istoriya_pedagogiki_i_obrazovaniya_2013.pdf	ideas.
1. Konstantinovsky D. L. Inequality in education: the Russian situation // Monitoring of public opinion: economic and social changes. - 2010. - № 5. - C. 40-66. (Free access) https://www.civisbook.ru/files/File/Konstantinovsky_Neravenstvo.pdf	Learning process and its patterns. Basic principles of pedagogical design
2. Modern educational technologies: [textbook] / L. L. Rybtsova et al.; ed. by L. L. Rybtsova; Ministry of Education and Science of the Russian Federation, Ural Federal University. Federation, Ural Federal University. - Ekaterinburg: Ural Federal University, 2014. - 92 c. (Free access) https://elar.urfu.ru/bitstream/10995/29006/1/978-5-7996-1140-8_2014.pdf	Needs Analysis. Educational technology design and instructional assignment formulation

Section 4. General psychology

Source	Topic
1. The Mit Encyclepedia Of The Cognitive Sciences - Robet Wilson (Access is limited) https://www.aiai.ed.ac.uk/project/oplan/documents/1999/1999-MITECS.pdf 2. The Gale Encyclopedia of Psychology - Bonnie Strickland (Access is limited) http://elibrary.untl.edu.tl/book/detail/a540 3. Emotional Design Why we Love Or Hate everyday things - Donald Norman (Access is limited) https://www.dropbox.com/s/9laed72khnbu99n/CH01.pdf?dl=0 4. Emotional Design Why we Love Or Hate everyday things - Donald Norman (Access is limited) https://oiipdf.com/personality-under-stress-who-gets-angry-and-why-individual-differences-in-cognitive-appraisal	Theoretical foundations of psychology.
5. Book 9 - Social psychology (Access is limited) https://psychology.fandom.com/wiki/Social_psychology 6. Book 10- Individual differences (Access is limited) https://psychology.fandom.com/wiki/Individual_differences 7. The Psychology of Emotion From Everyday Life to Theory - Kenneth T. Strongman (Access is limited) https://www.hugendubel.de/de/taschenbuch/kenneth_t_strongman-the_psychology_of_emotion_from_everyday_life_to_theory-3696081-produkt-details.html	Psychology of personality and social psychology

9

Name of the source in Russian language	Topic
1. Social psychology: modern theory and practice: [textbook] / [V. V. Makerova, E. L. Bodnar, A. A. Lyubyakin, L. V. Okonechnikova, A. M. Wilhelm, E. E. Symanyuk ; ed. by L. V. Okonechnikova] ; Ministry of Education and Science of the Russian Federation, Ural Federal University. - Ekaterinburg: Izd-vo Ural. un-ta, 2016. - 228 c. (Free access) https://elar.urfu.ru/bitstream/10995/40682/1/978-5-7996-1669-4_2016.pdf 2. Efimova N.S. Fundamentals of general psychology: textbook, - M.: Publisher: FORUM, 2013. - 288c. (Free access) http://spspo.ru/data/3497.pdf	Theoretical foundations of psychology
3. Sventsitsky AL. S24 Social Psychology: Textbook.- M.: TC Velby, Izd-vo Prospect, 2004. - 336 c. (Free access) https://www.s-vfu.ru/universitet/rukovodstvo-i-struktura/instituty/pi/ums/kpp/PP/svensiskiy.pdf	Psychology of personality and social psychology

Section 5. Modern trends in education and educational technologies

Source	Topic
1. Anderson, T. (Ed.) (2008). Theory and practice of online learning (2nd ed). Edmonton, Alberta, Canada: Athabasca University Press. (Part 1). Available (Access is limited) http://www.aupress.ca/index.php/books/120146 2. P21_Worldlanguages: 21st Century Skills Map. Available at (Access is limited) https://www.actfl.org/sites/default/files/pdfs/21stCenturySkillsMap/p21_worldlanguages map.pdf 3. Teaching and Learning 21st Century Skills: Lessons from the Learning Sciences. Asia Society. Partnership for Global Learning. Rand Corporation? April, 2012. Available at (Access is limited) https://asiasociety.org/sites/default/files/T/teaching-and-learning-21st-century-skillsrand.pdf	New technologies in the educational process.
4.Reigeluth, C. M. (2018). An instructional theory for the post-industrial age. In R. West (Ed.), Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://lidtfoundations.pressbooks.com/chapter/an-instructional-theory-for-the-postindustrial-age/ 5. Anderson, T. (Ed.) (2008). Theory and practice of online learning (2nd ed). Edmonton, Alberta, Canada: Athabasca	Hard skills. Soft skills.

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Source	Topic
University Press. (Part 1). Available (Access is limited) http://www.aupress.ca/index.php/books/120146	
6. Skills for the 21st Century: What Should Students Learn? May, 2015. Center for Curriculum Redesign. Boston, Massachusetts. Available at (Access is limited) https://curriculumredesign.org/wp-content/uploads/CCR-Skills_FINAL_June2015.pdf 7. 21st Century Competences: Foundation Document for Discussion/ Phase 1: Towards Defining 21st Century Competences for Ontario. Winter 2016 Edition. Available at (Access is limited) http://www.edugains.ca/resources21CL/About21stCentury/21CL_21stCenturyCompete ncies.pdf	Globalization, mass-marketization, marketization in education
8. Approaches, methods and instruments: What and how to evaluate in the framework of the Educational Reform? Year 1. No.2 /July-October 2015. (Access is limited) https://www.inee.edu.mx/wp-content/uploads/2018/12/G02_INGLES.pdf	Pedagogical measurements
9. Assessment and Teaching 21st Century Skills: Status Report as of January, 2010. Available at (Access is limited) https://www.intel.com.tr/content/dam/www/public/emea/tr/tr/pdf/education/tools-andresources/century21-skills-report.pdf 10. Management systems by performance indicators of higher education institutions: proposal of a model. April 2021 (Access is limited) https://www.redalyc.org/journal/2734/273469809010/html/	Qualitative measures (knowledge and skills) and external evaluations
Name of the source in Russian language	**Topic**
1. Pedagogical technologies in the education system: innovations and prospects: materials of the All-Russian scientific-practical conference (Cheboksary, January 22, 2020) / edited by O.N. Shirokov [et al.]. - Cheboksary: CNS "Interactive Plus", 2021. - 132 c. (Free access) https://publications.hse.ru/pubs/share/direct/448329721.pdf	New technologies in the educational process

2. Strekalova, N.D., Belyakov, V.G. Development and application of educational cases: a practical guide [Text] / N.D. Strekalova, V.G. Belyakov; St. Petersburg branch of the National Research University Higher School of Economics. - St. Petersburg: Department of operative printing of the National Research University Higher School of Economics - St. Petersburg, 2013. - 80 c. - 100 copies. - ISBN 978-5-00055-008-3 (in reg.). (Free access) https://www.hse.ru/data/2014/03/04/1333184440/strekalova -belyakov.pdf	Hard skills Soft skills Globalization, mass-marketization, and marketization in education.
3. International Educational Forum "Altai-Asia 2014: "Eurasian educational space - new challenges and best practices"" [Text]: collection of materials / edited by S.V. Zemlyukov (September 25-26, 2014, Barnaul). - Barnaul: Izd-vo Alt. unta, 2014. - 380 p.: il. ISBN 978-5-7904-1899-0 (Free access) https://publications.hse.ru/mirror/pubs/share/folder/7kv3efo pg4/direct/149633239.pdf	Pedagogical measurements. Qualitative measures (knowledge and skills) and external evaluations

Section 6. Clinical psychology

Source	Topic
1. Mash Eric J., Wolf David A. Abnormal child psychology – Wadsworth, Tomson Learning. (Access is limited) https://dokumen.pub/abnormal-child-psychology-7nbsped-1337624268-9781337624268.html 2. Meinrad Perrez Urs Baumann Lehrbuch Klinische Psychologie – Psychotherapie https://www.ciando.com/img/books/extract/3456950071_lp.pdf	Health psychology
3. Wenar Charles, Kerig Patricia Developmental psychopathology – McGraw-Hill. (Access is limited) https://www.researchgate.net/publication/234154654_Developmental_psychopathology_From_infancy_through_adolescence	Psychology of deviant behavior
4. Clinical psychology / edited by Graham Davey, Adrian Whittington, Nick Lake. — Second edition https://dl.uswr.ac.ir/bitstream/Hannan/140735/1/9781848722224.pdf 5.Research methods in clinical psychology : an introduction for students and practitioners / Chris Barker and Nancy Pistrang and Robert Elliott.– 2nd ed. https://www.al-edu.com/wp-content/uploads/2014/05/Barker-et-al-Research-Methods-in-Clinical-Psychology.pdf	Psychology of mental developmental disorders

6. Wenar Charles, Kerig Patricia Developmental psychopathology – McGraw-Hill. (Access is limited) https://www.researchgate.net/publication/234154654_Developmental_psychopathology_From_infancy_through_adolescence	Psychotherapy
Name of the source in Russian language	**Topic**
1. Mendelevich V.D. Clinical and Medical Psychology, Med Press, 2001. (Free access) http://elibrary.bsu.edu.az/files/books_163/N_81.pdf	Health psychology
2. Clinical psychology / Edited by M. Perret, W. Baumann. 2002. 1312 c. https://www.klex.ru/11s (Free access) 3. Clinical Psychology, ed. by B. D. Karvasarsky, Peter, 2006. (Free access) http://anastasiya-shulgina.narod.ru/ID_0001_969_88_09.htm.	Psychology of deviant behavior
4. Malkina-Pykh I. G. Psychological help in crisis situations - M.: Eksmo Publishing House, 2005. (Free access) http://ppms.edu-penza.ru/elektronnaya-biblioteka/pomosch_v_krizisnykh_situatsiakh.pdf	Psychology of mental developmental disorders. Psychotherapy

Section 7. Educational Management

Source	Topic
1. Educational management, 2015. (Access is limited) file:///C:/Users/Tester/Downloads/Educationalmanagement-Chapter1.pdf 2. A Comprehensive Framework for Comparing Textbooks: Insights from the Literature and Experts, 2022 (Access is limited) file:///C:/Users/Tester/Downloads/sustainability-14-06940-v3.pdf 3. The Higher Education Manager's Handbook: Effective Leadership and Management in Universities and Colleges, 2018 (Access is limited) file:///C:/Users/Tester/Downloads/The_Higher_Education_Managers_Handbook_Effective_.pdf 4. Chery, K, 2022. Extrinsic vs. Intrinsic Motivation: What's the Difference? Available at (Access is limited) https://www.verywellmind.com/differences-between-extrinsic-and-intrinsic-motivation-2795384	Characteristics of managerial aptitude

5. Educational management, 2015. (Access is limited) file:///C:/Users/Tester/Downloads/Educationalmanagement -Chapter1.pdf 6. A Comprehensive Framework for Comparing Textbooks: Insights from the Literature and Experts, 2022 (Access is limited) file:///C:/Users/Tester/Downloads/sustainability-14-06940-v3.pdf	Educational management in the institutional, functional, and scientific contexts
7. David Carr (2005). Making Sense of Education. An Introduction to the Philosophy and Theory of Education and Teaching. RoutledgeFalmer (Access is limited) https://www.academia.edu/50665309/Making_Sense_of_Education_for_Whom 8. Educational management, 2015. (Access is limited) file:///C:/Users/Tester/Downloads/Educationalmanagement -Chapter2.pdf	Management classes
Name of the source in Russian language	**Topic**
1.Vasilenko, N.V. Institutional support of managerial activity in the structure of capital of the modern educational organization // KE. 2008. №11. (Free access) URL: https://cyberleninka.ru/article/n/institutsionalnoe-obespechenie-upravlencheskoy-deyatelnosti-v-strukture-kapitala-sovremennoy-obrazovatelnoy-organizatsii	Characteristics of managerial aptitude
2. Private schools in Russia: state, trends and development prospects. Analytical report / L. N. Dukhanina, T. A. Mertsalova, A. A. Belikov, R. V. Gorbovsky, S. I. Zair-Bek, Y. A. Matyunenko; National Research University Higher School of Economics, Institute of Education. - M.: NIU VSHE, 2019. - 80 c. - 200 copies. - (Modern analytics of education. № 3 (24)). (Free access) https://ioe.hse.ru/data/2019/08/16/1483281940/%D0%A1%D0%90%D0%9E%20(3)24%20%D1%8D%D0%BB%D0%B5%D0%BA%D1%82%D1%80%D0%BE%D0%BD%D0%BD%D1%8B%D0%B9.pdf 3. Agatova O.A. Data-Based Education Management. Training and methodological manual. - Moscow: Moscow University Press, 2022. - 182 p.: il. (Free access) https://msupress.com/catalogue/books/book/upravlenie-obrazovaniem-na-osnovanii-dannykh/	Educational management under institutional, functional and scientific contexts. Management classes

Section 8. Special Pedagogy

Source	Topic
1. Mitchell D. What really works in special and inclusive education. Using evidence-based teaching strategies. London-New York: Routledge. 2008. 240 p. (Chapter 3. Strategy I: Inclusive education 'Adapt the mainstream to suit all learners') (Access is limited) https://www.academia.edu/37967852/David_Mitchell_2008_What_really_Works_in_Using_Evidence_based_Teaching_Strategy 2. The Costs of Inclusion / J. MacBeath, M. Galton, S. Steward et. al. Cambridge: Victoria Press, 2005. 78 p. (Access is limited) URL: https://www.educ.cam.ac.uk/people/staff/galton/Costs_of_Inclusion_Final.pdf	Main tasks of special pedagogy.
3. Reigeluth, C. M. (2018). An instructional theory for the post-industrial age. In R. West (Ed.), Foundations of Learning and Instructional Design Technology (1st ed.). Available at (Access is limited) https://lidtfoundations.pressbooks.com/chapter/an-instructional-theory-for-the-postindustrial-age/	Branches of special pedagogy (education for the visually and hearing impaired, and the mentally challenged; speech therapy)
4. Mitchell D. What really works in special and inclusive education. Using evidence-based teaching strategies. London-New York: Routledge. 2008. 240 p. (Chapter 3. Strategy I: Inclusive education 'Adapt the mainstream to suit all learners') (Access is limited) https://www.routledge.com/What-Really-Works-in-Special-and-Inclusive-Education-Using-Evidence-Based/Mitchell-Sutherland/p/book/9781138393158 5. The Costs of Inclusion / J. MacBeath, M. Galton, S. Steward et. al. Cambridge: Victoria Press, 2005. 78 p. URL: (Access is limited) https://www.educ.cam.ac.uk/people/staff/galton/Costs_of_Inclusion_Final.pdf 3	Inclusive education.
Name of the source in Russian language	**Topic**
1. Vygotsky L.S. Fundamentals of Defectology. SPb.: Lan, 2003. 654 с. (free access) Access mode: http://pedlib.ru/Books/1/0453/1_0453-1.shtml.	The objectives of special pedagogy
2. Inclusive Education in Russia. - Moscow : Perspektiva, 2011. (free access) - Mode of access: http://elibrary.udsu.ru/xmlui/bitstream/handle/123456789/1	Inclusive education

1315/2013416.pdf.	
3. Neretina T.G. Special pedagogy and correctional psychology: uch.med.kompleks. M. - Flinta, MPSI, 2008. - 376. (free access) https://kpfu.ru/portal/docs/F236007377/T.G..Neretina.Specialnaya.pedagogika.i.korrekcionnaya.psikhologiya.pdf.	Branches of special pedagogy (education for the visually and hearing impaired, and the mentally challenged; speech therapy)

Recommended online courses

Section 1. Education analytics and research
1.   Big Data and Education (Ryan Baker Associate Professor University of Pennsylvania) https://www.edx.org/course/big-data-and-education?index=undefined&position=1
2.   Improvement Science in Education (Donald J. Peurach Professor of Educational Policy, Leadership, and Innovation in the School of Education University of Michigan, Anthony S. Bryk President   Carnegie   Foundation   for   the   Advancement   of   Teaching) https://www.edx.org/course/improvement-science-in-education
3.   What   Works   in   Education: Evidence-Based   Education   Policies https://www.edx.org/course/what-works-in-education-evidence-based-education-p

Section 2: Developmental psychology and education
1.   Everyday Parenting: The ABCs of Child Rearing/ Everyday Parenting.
Everyday Parenting: The ABCs of Child Rearing / Everyday Parenting: The ABCs of Child Rearing Course (Yale) | Coursera
https://www.coursera.org/learn/everyday-parenting
2.   Motivating Gen Z Learners: What Parents and Teachers Need to Know
Motivating Gen Z Learners: What Parents and Teachers Need to Know | Coursera
https://www.coursera.org/learn/motivate-genz-learners

Section 3. History of pedagogy and pedagogical design
1.   Learning to Teach Online https://www.coursera.org/learn/teach-online
2.   Assessment in Higher Education: Professional Development for Teachers https://www.coursera.org/learn/assessment-higher-education/
3.   Using   Technology   in   Evidence-Based   Teaching   and   Learning https://www.edx.org/course/improvement-science-in-education
4.   Understanding   child   development: from   synapse   to   society https://www.coursera.org/learn/child-development

Section 4. General psychology
1.   Introduction   to   psychology   /   Введение   в   психологию: https://www.coursera.org/learn/introduction-psychology#syllabus
2.   Understanding how the brain works: neuroscience in everyday life / Понимание работы мозга: нейробиология   в   повседневной   жизни: https://www.coursera.org/learn/neurobiology#syllabus
3.   Introduction   to   psychology   /   Введение   в   психологию: https://www.coursera.org/learn/introduction-psych

4.   Social Psychology / Социальная психология: https://www.coursera.org/learn/social-psychology

Section 5. Modern trends in education and educational technologies

1.   Exploring Emerging Technologies for Lifelong Learning and Success https://www.coursera.org/learn/emerging-technologies-lifelong-learning#syllabus
2.   What Future for Education? https://www.coursera.org/learn/future-education
3.   Literacy Teaching and Learning: Aims, Approaches and Pedagogies https://www.coursera.org/learn/literacy-teaching-learning
4.   New Learning: Principles and Patterns of Pedagogy https://www.coursera.org/learn/newlearning
5.   Assessment in Higher Education: Professional Development for Teachers https://www.coursera.org/learn/assessment-higher-education
6.   Leading for equity, diversity and inclusion in higher education https://www.coursera.org/learn/leading-for-equity-diversity-inclusion
7.   Learning, Knowledge, and Human Development https://www.coursera.org/learn/learning-knowledge-human-development

Section 6. Clinical psychology

1.   Introduction to Abnormal Psychology
https://www.coursera.org/learn/intro-abnormal-psych Wesleyan University;
2.   Managing ADHD, Autism, Learning Disabilities, and Concussion in School https://www.coursera.org/learn/managing-adhd-autism-learning-disabilities-and-concussion-in-school University of Colorado;
3.   3. Positive Psychiatry and Mental Health https://www.coursera.org/learn/positive-psychiatry University of Sydney.

Section 7. Educational management

1.   Principles of Management https://www.coursera.org/learn/principles-of-management
2.   Managing Responsibly: Practicing Sustainability, Responsibility and Ethics https://www.coursera.org/learn/responsible-management
3.   Get organized: How to be Together Teacher https://www.coursera.org/learn/together-teacher
4.   Learning to teach online https://www.coursera.org/learn/teach-online
5.   Learning, Knowledge and Human Development https://www.coursera.org/learn/learning-knowledge-human-development
6.   Negotiating Learner Differences: Towards Productive Diversity in Learning https://www.coursera.org/learn/learnerdifferences
7.   University of Rochester, Professor Richard Ryan: Introduction to Self-Determination Theory: An approach to motivation, development and wellness. - URL: https://ru.coursera.org/learn/self-determination-theory
8.   American Education Reform: History, Policy, Practice https://www.coursera.org/learn/edref

Section 8. Special Pedagogy

1.   Diversity and Inclusion in Education, https://www.coursera.org/learn/diversity-and-inclusion-education
2.   Disability Inclusion in Education: Building Systems of Support, https://www.coursera.org/learn/disability-inclusion-education

3.   Computational   Thinking   for   K-12   Educators: Sequences   and   Loops, https://www.coursera.org/learn/computational-thinking-k12-educators-sequences-loops