

Outline of education

The following outline is provided as an overview of and topical guide to education:

Education – in the general sense is any act or experience that has a formative effect on the mind, character, or physical ability of an individual. In its technical sense, education is the process by which society deliberately transmits its accumulated knowledge, skills, and values from one generation to another. Education can also be defined as the process of becoming an educated person.^[1]

1 Essence of education

Education

- College
- Homework
- Learning
- Library
- Study skills
- University

2 Participants in education

- Student
- Chancellor
- Dean
- Parent (via parenting) – students' parents typically play a large role in teaching their children and overseeing their formal education, often including financing it.
- Rector
- Teacher
 - Head teacher (principal)
 - Professor
 - Assistant professor
 - Associate professor
 - Adjunct professor
 - Teacher's assistant
 - Tutor

3 Alternative approaches to education

- Home schooling

4 Educational philosophies

- Traditions in education
 - Idealism – This tradition emerged in Greece and the famous philosophers who introduced this concept were Socrates and his pupil Plato. The basic concept launched was that all the things we see in this world are actually the copy not original. What ever we produce here becomes an idea in our mind. So whatever we work to create something is first takes shape in ideas and minds, so the true reality is Idealism. They both supported an education which provides the opportunity to develop mental faculties and make student think properly to find any reality.
 - Realism – Aristotle, the pupil of Plato was the person who got the concept of Realism and argued that the Idealism is not the only reality, but there are many natural things which are the part of our atmosphere and we come across those things. Whatever we observe is very important to work on and find the realities using empirical evidences. So the education that is based on experience and observable realities will guide the students to find out the reality. The same has relevance to the philosophy of Positivism.
 - Perennialism – This concept was introduced by Robert Hutchins who was of a view that the education should have ever-lasting impact on the students and therefore the only ever-last ideas should be taught. for that he supported the religious concepts to be incorporated in the curriculum.
 - Existentialism – Kierkegaard argued that all the philosophers are of a view to inculcate into the students which is something outdoor with reference to the students. He told that realities are subjective and they are with the individuals themselves. The education should work on individuals to harness the inner realities.

- Theism – Thomas Aquinas introduced the church doctrine in education and emphasized that reason and faith are complimentary so the both ideas should be the base of education and the students should go by the reasons introduced by the faith, church or religion.
- Essentialism – The education philosophies were taking many turns in the twentieth century when William Bagley raised his voice to attract the attention of the theoreticians telling that the education should have a core basics of the culture and heritage. The students should be given choice of study the said core subject and they should go to the 1930s education where the same was used to teach.
- Pragmatism – John Dewey was the person who told that in education a democratic view is to be implemented. Students should be given a chance to explore themselves and they should go by their own instinctive drives.
- Critical thinking – There was a team of German theoreticians like Adorno, Horkheimer and Habermas who gave the concept of Critical Theory and argued that the education which provides the students and prepare them to analyze the things under discussion, is the basic requirement of education.
- Social education – In his book, Social Education, Applied Perspective, Muhammad Zahid Azeem Zahid has argued that the education which provides the opportunity to the students to find their space in society and the education should be in line with the societal need not only individually but holistically as well. The Social Education Model is to be implemented in the third world countries as there is a big need to join the individual and society. An educated person can become a good professional and can lead a good life individually, but the need of the day is that he or she should keep his profession and the lifestyle favorable to the society as well.

5 Branches of education

5.1 Education by level or stage

- Early childhood education
- Primary education
- Secondary education
- Higher education
 - Vocational education
 - Tertiary education

5.2 Education by sector

- Academia
- Adult education
- Alternative education
- Autodidacticism
- Homeschooling
- Public education
- Private education

5.3 Education by specialization or department

- Inclusive education
- Madrasa education
- Woman education
- Early childhood education
- Teacher education
- Agricultural education
- Art education
- Business education
- Career and technical education
- Chemistry education
- Computer science education
- Cultural studies
- Dance education
- Distance education
- Economics education
- Engineering education
- Environmental education
- Gifted education
- Health education
- International studies
- Journalism education
- Language education
- Legal education
- Management education
- Maritime education

- Mathematics education
- Medical education
- Military education and training
- Museum education
- Music education
- Peace education
- Performing arts education
- Philosophy education
- Philosophy, Politics and Economics
- Physical education
- Physics education
- Relationship education
- Religious education
- Science education
- Sex education
- Special education
- Vocational education

5.4 Academic disciplines

Main article: List of academic disciplines

6 Educational certifications (for students)

- School leaving qualification
- Diploma
- Academic degree – an academic rank, title or award, including:
 - Foundation degree
 - Associate's degree
 - Bachelor's degree
 - Master's degree
 - Doctorate
 - Engineer's degree
 - Specialist degree
 - Ad eundem degree
 - Honorary degree
 - Lambeth degree
 - External degree
 - Microdegree
- Vocational degree – award in vocational education

7 Educational qualifications (for teachers)

- Bachelor of Education
- Master of Education
- Doctor of Education

8 History of education

History of education

- History of academia
- Classical education*
- History of education in China
- History of education in India
- History of education in Japan
- History of education in the United States
- Popular education

9 Educational organizations

- Students' union
- Parent-Teacher Association

9.1 Libraries

- Library – collection, or institution that provides a collection, of sources of information and similar resources, made accessible to a defined community for reference or borrowing. Among its purposes is to support the ongoing education of its members.

9.2 Types of libraries

- Academic library
- Archive
- Digital library
- National library
 - List of national libraries
- Public library
 - Carnegie library
- Research library
- Special library

9.3 Specific libraries

- List of libraries

9.4 Museums

- **Museum** – an institution, the purpose of which is collect, preserve, interpret, and display items of artistic, cultural, or scientific significance for the education of the public.

9.4.1 Types of museums

- Architectural museum
- Archaeology museum
- Art museum
- Biographical museum
- Children’s museum
- Design museum
- Encyclopedic museum
- Ethnology or ethnographic museum
- Historic house museum
- History museum
- Living history museum
- Maritime museum
- Medical museum
- Memorial museum
- Mobile museum
- Natural history museum
- Open-air museum
- Pop-up museum
- Science museum
- Specialized museum
- Virtual museum
- War museum
- Living museum
 - Zoological park
 - Botanic garden

9.4.2 Specific museums

- List of aerospace museums
- List of art museums
- List of automobile museums
- List of chocolate museums
- List of jail and prison museums
- List of museums of Islamic art
- List of national museums
- List of natural history museums
- List of numismatic museums
- List of philatelic museums
- List of science museums
- List of transport museums
- List of video game museums

9.5 Schools

- **School** – an institution designed for the teaching of students (or “pupils”) under the direction of teachers. Most countries have systems of formal education (commonly compulsory), in which students progress through a series of schools. The names for these schools vary by country but generally include primary school for young children and secondary school for teenagers who have completed primary education. Non-compulsory higher education follows, and is taught in institutions called a college or university.

9.5.1 Types of schools

- By educational stage –
 - Early childhood –
 - Preschool –
 - Pre-kindergarten –
 - Kindergarten –
 - Primary –
 - Elementary school –
 - First school –
 - Infant school –
 - Junior school –
 - Primary school –
 - Secondary –
 - Adult high school –
 - Comprehensive school –

- Grammar school –
- Gymnasium –
- High school –
- Lyceum –
- Middle school –
- Secondary school –
- Sixth form college –
- Studio school –
- University-preparatory school –
- University Technical College –
- Upper school –
- Tertiary –
 - Continuing education –
 - Further education –
 - Professional school –
 - Vocational school –
- Higher education –
 - Academy –
 - College –
 - Community college –
 - Graduate school –
 - Institute of technology –
 - Junior college –
 - University –
 - Upper division college –
- Vocational university –
- Seminary –
- By funding / eligibility
 - Academy (England) –
 - Charter school –
 - Comprehensive school –
 - For-profit education –
 - Free education –
 - Free school (England) –
 - Independent school –
 - UK Independent school –
 - preparatory –
 - public –
 - Private school –
 - Selective school –
 - Separate school –
 - State or public school –
 - State-integrated school (New Zealand) –
- By style of education
 - Adult education –
 - Alternative school –
- Blab school –
- Boarding school –
- Day school –
- Folk high school –
- Free skool –
- Homeschool –
- International school –
- K-12 –
- Madrasa –
- Magnet school –
- Montessori school –
- One-room schools
- Parochial school –
- Project-based learning –
- Ranch school –
- Virtual school –
- Yeshiva –
- By scope
 - College preparatory –
 - Compulsory education –
 - Democratic education –
 - Gifted education –
 - Remedial education –
 - Vocational education –
- Historical
 - Ancient higher-learning institutions –
 - Platonic Academy –
 - Lyceum –
 - Monastic schools
 - Cathedral schools
 - Medieval universities –
- Schools imposed on indigenous peoples –
 - in Canada –
 - in New Zealand –
 - in the United States –
 - in South Africa –
- Informal or illegal
 - Hedge school (in Ireland)
 - Krifo scholio (in Greece)
 - Katakombenschule (in South Tyrol)

9.5.2 Specific schools

- List of schools
- Lists of universities and colleges

10 General education concepts

Main article: Glossary of education-related terms

- Anti-schooling activism
- Behavior modification
- Board of education
- Textbook
- Collaborative learning
- College
- Comparative education
- Compulsory education
- Continuing education
- Curriculum
- Department of Education
- Developmental Education
- Educational technology (the use of electronic educational technology is also called e-learning)
- Educational animation
- Educational philosophies
- Educational psychology
- Free education
- Glossary of education-related terms
- Grade (education)
- Homework
- Humanistic education
- Instructional technology
- Language education
- Learning
- Learning 2.0
- Learning by teaching (LdL)
- Learning community
- Library

- Life skills
- Lifelong education
- List of educators
- Medical education
- Online learning community
- Remedial education
- Single-sex education
- Socialization
- Study skills
- Taxonomy of Educational Objectives (Bloom's Taxonomy)
- University

11 Pedagogy

Main article: Pedagogy

- Alternative education
- Democratic school
- Progressive education
- Context-based learning
- Design-based learning
- Experiential education
- Experiential learning
- Inquiry-based learning
- Kinesthetic learning
- Montessori education
- Open learning
- Open classroom
- Personalized learning
- Problem-based learning
- Problem-posing education
- Project-based learning
- Service-learning
- Slow education
- Student-centred learning
- Waldorf education

12 Education scholars and leaders in education

Main article: List of educators

- John Taylor Gatto
- Isabel Campoy

13 Economics of education

- List of countries by spending on education (% of GDP)

14 See also

- Glossary of education-related terms
- Index of education articles

15 References

- [1] Don, Berg. "Definition of Education." teach-kids-attitude-1st.com. N.p., n.d. Web. 30 Sep 2011. <<http://www.teach-kids-attitude-1st.com/definition-of-education.html>>

16 External links

- international review of curriculum and assessment framework a very useful website that provides comparative information about the education system of many countries.
- World Bank Education
- UNESCO - International Institute for Educational Planning
- UNESCO IBE Database: Information on almost every education system in the world
- Wikipedia Education category tree
- The Encyclopedia of Informal Education
- 1944 Education History

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