

EDUCATION

Foundation for growth and prosperity

Japan's education system played a central role in enabling the country to meet the challenges presented by the need to quickly absorb Western ideas, science, and technology in the Meiji period (1868–1912), and it was also a key factor in Japan's recovery and rapid economic growth in the decades following the end of World War II.

In the early years of the 21st century, however, Japanese society is facing many challenges as a result of changing cultural norms, advances in science and technology, economic globalization, and a difficult business environment. Nurturing young people who can meet these challenges is a critical task for Japanese education. The direction to be taken in this endeavor is the subject of much debate in the government, the education community, and Japanese society as a whole.

History

Education in reading and writing has of course existed in some form since the introduction of Chinese writing and Buddhism in the 6th century. In 701, the Taiho Code established schools for the children of the nobility, in both the capital and the provinces. Beginning in the Kamakura period (1185–1333), an increasing number of the children of the samurai received a formal education, but it was not until the 250 years of peace of the Edo period (1600–1868) that education became widespread among both the elite and the common people.

Education in the Edo period was primarily based on Confucian concepts that emphasized rote learning and study of the Chinese classics.



Elementary school

Teacher and students in an elementary school classroom.

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Two main types of schools developed. The first type was the domainal schools (*hanko*) that existed in more than 200 domains by the end of the period and provided education primarily to children of the samurai class. The second type was the *terakoya* schools, which enrolled the children of commoners as well as samurai and concentrated on moral training and teaching reading, writing, and arithmetic. *Terakoya* were usually run by a single teacher or a married couple, and there were tens of thousands of these schools in existence at the end of the Edo period.

Japan's literacy rate at the time of the collapse of the Tokugawa shogunate in 1868 is estimated at 40 percent, a level that compares favorably with many Western nations at the time. Without this educational foundation, the rapid modernization achieved in the following years would not have been possible.

Meiji leaders moved quickly to put a new educational system into place as a key part

of their efforts to catch up with the West and promote national unity. A three-tier system of primary school, middle school, and university was established, with primary school being compulsory for both boys and girls.

Following the end of World War II, the Fundamental Law on Education and the School Education Law were enacted in 1947 under the direction of the Occupation forces. The latter law defined the system that is still in use today: six years of elementary school, three years of junior high school, three years of high school, and two or four years of university. Elementary and junior high school attendance is compulsory. There are also kindergartens (attended from one to three years), five-year technical colleges for junior high school graduates, special training schools for junior high and high school graduates, and special schools for handicapped persons. Universities include undergraduate colleges, junior colleges, and graduate schools.

Schools and Curricula

School calendar: For most elementary, junior high, and high schools, the school year in Japan begins on April 1 and is divided into three terms: April to July, September to December, and January to March. Some schools follow a two-term schedule. The gradual transition from a six-day school week to a five-day week was completed in 2002. Many private schools, however, continued to hold Saturday classes, and in recent years some public high schools have obtained special permission to reintroduce Saturday classes to give them more time to cover the necessary subjects.

School course guidelines: The Ministry of Education, Culture, Sports, Science and Technology prepares guidelines containing basic outlines of each subject taught in Japanese schools and the objectives and content of teaching in each grade. Revised every 10 years or so, these guidelines are followed by schools nationwide.

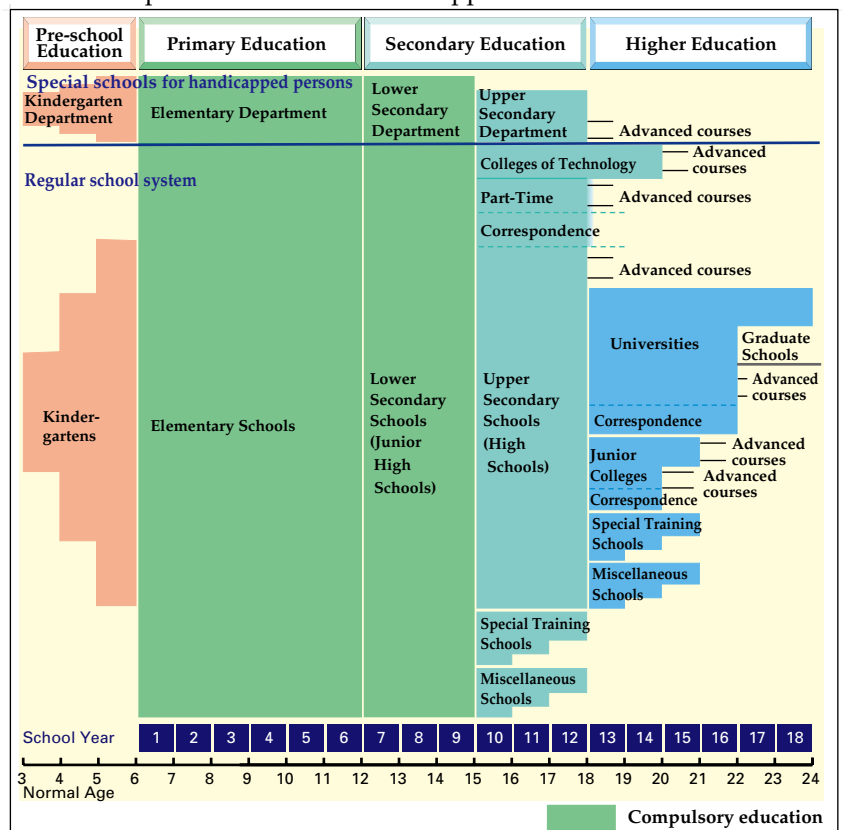
School textbooks: All elementary, junior high, and high schools are obliged to use textbooks that have been evaluated and approved

by the Ministry of Education, Culture, Sports, Science and Technology. The purpose of the official authorization system, which has been in effect since 1886, is the standardization of education and the maintenance of objectivity and neutrality on political and religious issues. A system of free distribution of textbooks for compulsory education was established in 1963. The textbooks used in each public school district are chosen from among government-authorized candidates by the local board of education based on a review by the prefectural board of education. At private schools, the school principal is responsible for the choice.

Pre-school education: Education prior to elementary school is provided at kindergartens (*yochien*) and day-care centers (*hoikuen*). Public and private day-care centers accept children from under age one up to age five; their programs for children age three to five resemble those at kindergartens. Approximately 60 percent of all kindergartens are privately operated. The combined attendance of five-year-olds at kindergartens and day-care centers exceeds 95 percent. The educational approach

School System

Source: Ministry of Education, Culture, Sports, Science and Technology



at kindergartens varies considerably, from unstructured environments that emphasize play and provide little formal instruction to highly structured environments that are focused on mental training.

Elementary schools: Attendance for the six years of elementary education is compulsory. Ninety-nine percent of elementary schools are public coeducational institutions. A single teacher is assigned to each class and responsible for instruction in most subjects, with the exceptions generally being subjects such as music and art. In 2006 the maximum class size was 40, and the average size was 25.9. In principle, classes are not segregated based on student ability, but for instruction in certain subjects students might be divided up into groups taking proficiency level into account. The curriculum includes the following subjects: Japanese language, social studies, arithmetic, science, life environmental studies, music, arts and crafts, physical education, and homemaking. Requirements also include extracurricular activities, a moral education course, and integrated study, which can cover a wide range of topics (international understanding, the environment, volunteer activities, etc.). Reading and writing are perhaps the most important parts of the elementary school curriculum; in addition to the two Japanese syllabaries, students are expected to learn at least 1006 Chinese characters by the end of the sixth grade.

Junior high schools: Attendance for the three years of junior high school education is compulsory. More than 90 percent of junior high schools are public coeducational institutions. Each year students are assigned to a homeroom with a maximum of 40 students (the average in 2006 was 30.4), with whom they take their classes. For the most part, classes are not segregated based on ability, but some schools have implemented streaming systems for math and English classes. The standard curriculum includes the following required subjects: Japanese language, social studies, mathematics, science, a foreign language elective (almost always English), music, fine arts, health and physical education, and industrial arts or homemaking. Requirements



also include extracurricular activities, a moral education course, and integrated study.

High schools: High school attendance is optional. In 2006, 98 percent of all junior high school graduates entered high school, and 75 percent of all high schools were public. High school entrance is based on exam performance and the competition is intense for favored schools. Students attending unified junior high and high schools avoid the high school entrance exam pressure, but there are still relatively few such unified schools in the public school system. The high school core curriculum includes the following required subjects: Japanese language, geography and history, civics, mathematics, science, health and physical education, art, foreign language, home economics, and information. Extracurricular activities and integrated study are also required. Students in special vocational programs also take courses in their area of study (business, industrial arts, agriculture, etc.) while spending less time on the core curriculum than regular students.

With almost all junior high school students now going on to high school regardless of their desire and willingness to learn, high schools are looking for ways to reduce student apathy and the number of dropouts. As part of this effort, new and more diverse models of high school education are being introduced to better respond to the different abilities and interests of individual students. Examples of such new models include credit-based high schools, where graduation is based on accumulated credits rather than completion of a set number of full academic years, and integrated-program schools, where students have more flexibility to take electives based on their individual interests and abilities.

Universities: The percentage of Japanese high school graduates going to either a two-year junior college or four-year university passed 41 percent in 1993 and stood at 49.3 percent in 2006. The figure for four-year colleges

Gakugeikai

An annual event at Japanese elementary schools, *gakugeikai* are usually held in autumn. Students show off their skills in exhibitions, dramas, and concerts. Parents, relatives, and people from the neighborhood are all invited.

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and universities alone was about 41 percent. The great majority of junior college students are women. Seventy-six percent of all universities and 90 percent of all junior colleges are private. In 2006, 12 percent of four-year university graduates went on to graduate school.

An extensive series of reforms was recently implemented in the Japanese university system, with the changes to the national university system being particularly drastic. In 2004, the 99 national universities were reorganized into 87 institutions. In addition, the national universities—which had been internal organs of the Ministry of Education, Culture, Sports, Science and Technology—were transformed into independent administrative institutions with the objective of creating a more competitive and independent environment in which the universities can introduce private sector management techniques and develop their own special strengths with respect to both education and research. In order to nurture people with the wide range of expertise needed by society, many universities have also established new specialized graduate school programs in both business and law.

The number of foreign students at Japanese universities continues to increase, with the total studying at junior colleges, universities, and graduate schools in May 2006 reaching 104,000. Approximately 90 percent of these students are from Asia.

Tutoring schools and cram schools: Although they are not part of the core educational system, academic tutoring schools (*gakushujuku*) and cram schools (*yobiko*) also play a significant role in education in Japan. The cram schools focus strictly on preparing students for university entrance examinations. The academic tutoring schools have a more general goal of helping students keep up with and go beyond their regular school work, although exam preparation is frequently emphasized. According to estimates in fiscal 2001 by the Ministry of Education, Culture, Sports, Science and Technology, academic tutoring schools are attended by 39.0 percent of public elementary school students, 75.0 percent

	Schools	Full-Time Faculty	Students
Kindergartens	13,835	110,833	1,726,518
Elementary schools	22,878	417,862	7,187,428
Junior high schools	10,992	228,264	3,601,528
High schools	5,385	247,796	3,494,274
Special schools for handicapped persons	1,006	65,058	104,592
Colleges of technology	64	4,471	59,380
Junior colleges	469	11,279	202,197
Universities	744	164,483	2,859,207
Special training colleges	3,441	42,224	749,996
Miscellaneous schools	1,729	10,404	149,976

of public junior high school students, and 54.9 percent of private junior high school students.

The Challenge of Reform

The Japanese educational system lays emphasis on cooperative behavior, group discipline, and conformity to standards. It served the country well in producing the skilled industrial workforce that made Japan a global economic power in the 20th century. The success of the system is further reflected in the fact that the great majority of the Japanese people consider themselves middle class and see education as the road to prosperity for their children.

In recent years, however, there has been considerable debate and conflicting proposals as to the direction the education system should take to respond to the challenges of the 21st century. In 2002 a new curriculum was introduced that sought to shift the emphasis from “uniform and passive” to “independent and creative,” with action being taken to reduce classroom hours and to create a more relaxed “low pressure” education environment. Subsequent international comparisons, however, have shown a decline in the academic abilities of Japanese children, and this has led to calls for getting back to basics and increasing classroom hours in certain subjects.

In 2006 the government passed the first-ever revision to the 1947 Fundamental Law of Education. This revision included provisions calling for education to instill public spiritedness, respect for tradition and culture, and love of country. Created in 2006, the Education Rebuilding Council is to prepare reports recommending concrete actions to reflect the Fundamental Law of Education revisions in education policy to address problems, such as bullying, that result in the decline of academic performance.

Educational Institutions in Japan

Source: Ministry of Education, Culture, Sports, Science and Technology (May 1, 2006)