



# 儿童乐园 设计手册

DESIGN MANUAL FOR  
CHILDREN'S PLAYGROUND

HKASP | 先锋空间 主编

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儿 童 乐 园 设 计 手 册

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## THE NECESSITY OF CHILDREN'S PLAYGROUND DEVELOPMENT

As Mr. Liang Qichao ever wrote in his book *The Young China* that, "If the youths are strong, the nation will be strong." Children are always our motherland's future and the nation's hope. Nowadays, as the rapid development of economic globalization and new technical innovation, the competition of national comprehensive power is increasingly fierce, and children's early education has played a significant role in improving the quality of the nation and in cultivating talents for the society's development in the next century. It is vitally important to promote children's all-round development (including morality, intelligence, physical health, aesthetics and labor). Therefore, it is of profound significance to create a healthy and meaningful playground for children's activities.

Hi-tech development has unconsciously changed people's lifestyle. Although various electronic products including mobile phone and computer can facilitate people's daily life, they've also invaded children's world. As mentioned by many parents, many children are deeply involved in online games, in which way, children's vision and intellectual development will thus be compromised. What's worse, limited activities will definitely narrow children's opportunity to contact their peers and the society and even weaken children's ability in adapting themselves to the outside world.

In spite of quick pace of life, inter-personal contact and communication are becoming less frequent. Influenced by the overwhelming trend, children cannot find much chance to explore the nature. Meanwhile, children are confronted with great pressure in entering a higher school, and few time is available for their free schedule. As a result, many problems occur due to their lack of outdoor activities, which will largely threaten their mental and physical health. Different from the adult, as the growth of their age, children's physical,

psychological and behavioral traits cannot remain the same. Therefore, we need give them help, guidance and care to shape their behavior and habit during their growing process.

Geneva Declarations of the Rights of the Child clearly states: "Children shall have the right to obtain sufficient opportunity for games and entertaining activities, and various games and entertaining activities shall share the same purpose with education. The society and competent authorities shall make effort to guarantee the realization of children's such right." As the above Declarations has clearly stated children's rights, especially children's right in playing games, the whole society shall take their responsibilities for caring and protecting the child.

Children's playground is constructed for the purpose of creating an opportunity for the child to explore the nature and to make friends with their peers by means of outdoor activities. In the process of recreational activities, the child can accumulate rich knowledge, develop their thinking, strengthen their ability in communication, exploring and self-dependent creation, relieve their mental stress, cultivate their interests and learn the way of getting along well with their peers. Meanwhile, frequent children activities can also enhance their physical coordination skills. In children's playground, the child will be close to various animals and plants to expand their horizons and accumulate relevant knowledge, playing an important role in propelling the child's intellectual and physical development and improving the child's comprehensive quality. In addition, by virtue of intimate contact with the peers, children can establish their mutual sincere friendship to learn to share, care and help each other. Thus, the child's sense of collectivity, sense of responsibility and team spirit can be built up. However, playground activities can free children from dull and boring passive learning. Through lively activities, children will be encouraged to explore the unknown field, and eliminate their dependence on parents. Furthermore, wide and open playground can prepare children with an opportunity to express themselves free from excessive intervention from parents and teachers, in which way, children can fully exert their potential, improve their awareness of independent living and gradually adapt themselves to the society.



## 儿童游乐场地发展的必要性

梁启超先生曾在《少年中国说》中提到：“少年强则国强。”儿童是祖国的未来，是民族的希望。在当今世界，随着经济全球化和新技术创新的快速发展，综合国力的竞争日趋激烈，提高国民素质，储备适应新世纪发展的人才，必须从儿童早期教育入手。培养德、智、体、美、劳全面发展的儿童对社会的前途发展至关重要。因此，为青少年营造一处健康、有意义的活动场所是十分必要的。

高科技的发展潜移默化地改变了人们的生活方式，手机、电脑等电子产品为人们的生活带来便利的同时也充斥着孩子们的世界。很多家长反映如今的儿童迷恋于网络游戏。这对孩子视力和智力发展的阻碍自然不必多说，过分局限于自身的小范围活动还会减少孩子与同龄人和社会的接触机会，削弱孩子对外界环境的适应能力。

当今社会的生活节奏日益加快，导致人与人之间的联系和交往越来越少。儿童也受到大环境的影响，不能与自然亲密接触。再者，儿童的升学压力增大，能够给孩子自由支配的时间越来越少，从而导致儿童由于缺乏户外活动而产生的种种问题，使身心健康受到极大威胁。儿童不同于成年人，随着年龄的增长，其生理、心理和行为特征也在不断地发生变化，在儿童成长过程中，他们的行为习惯需要我们给予帮助、指导和关心。

《日内瓦儿童权利宣言》提出：“儿童有享受游戏和娱乐充分机会的权利，各种游戏娱乐必须与教育保持同一目的，社会和主管机关必须为促进儿童对这

种权利的享有而努力。”该宣言对儿童的权利，尤其是儿童游戏权利的阐述，十分明确。关心和爱护儿童是全社会应尽的责任和义务。

建设儿童游乐场地的目的即是通过户外活动接触到大自然，接触到其他的同龄人，在游乐的过程中积累知识、发展智力，培养他们的交往、探索、创造能力，对于缓解儿童精神压力，培养其兴趣爱好，并且学会与他人友好相处。随着儿童活动幅度的增大，身体的协调性也逐渐增强。在公园的活动过程中，儿童近距离接触各种动物、植物，开阔视野，积累相关的知识，促进儿童智力、体力发展，对提高儿童综合素质有着积极的意义。另外，孩子在与其他同龄人交往的过程中，能够建立起真挚的友谊，学会分享，懂得互相关心、互相帮助，培养孩子们的集体感、责任感和合作精神。游乐活动能够让孩子们从枯燥无味的“灌输式学习”中解脱出来，寓教于乐，鼓励孩子尝试未知的领域，培养创造的勇气和能力。同时，还能摆脱孩子对父母的依赖心理。宽阔的活动场地为孩子提供自由的表现机会，没有了家长和老师的过多干预，孩子们能够充分发挥自己的潜能，培养独立生活的意识，逐步适应社会。





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《日内瓦儿童权利宣言》提出：“儿童有享受游戏和娱乐充分机会的权利，各种游戏娱乐必须与教育保持同一目的，社会和主管机关必须为促进儿童对这

种权利的享有而努力。”该宣言对儿童的权利，尤其是儿童游戏权利的阐述，十分明确。关心和爱护儿童是全社会应尽的责任和义务。

建设儿童游乐场地的目的即是通过户外活动接触大自然，接触到其他的同龄人，在游乐的过程中积累知识、发展智力，培养他们的交往、探索、创造能力，对于缓解儿童精神压力，培养其兴趣爱好，并且学会与他人友好相处。随着儿童活动幅度的增大，身体的协调性也逐渐增强。在公园的活动过程中，儿童近距离接触各种动物、植物，开阔视野，积累相关的知识，促进儿童智力、体力发展，对提高儿童综合素质有着积极的意义。另外，孩子在与其他同龄人交往的过程中，能够建立起真挚的友谊，学会分享，懂得互相关心、互相帮助，培养孩子们的集体感、责任感和合作精神。游乐活动能够让孩子们从枯燥无味的“灌输式学习”中解脱出来，寓教于乐，鼓励孩子尝试未知的领域，培养创造的勇气和能力。同时，还能摆脱孩子对父母的依赖心理。宽阔的活动场地为孩子提供自由的表现机会，没有了家长和老师的过多干预，孩子们能够充分发挥自己的潜能，培养独立生活的意识，逐步适应社会。





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As the rapid development of urbanization, many problems arising from children's playground development in China are gradually becoming obvious. Various problems are eagerly waiting for our solutions such as narrow floor space, old-fashioned recreational facilities and existence of potential safety hazards. Compared with foreign children's playground, children's playground in China lacks novelty and the sense of interest.

#### 1. LACK OF URBAN SPACE AND UNEVEN DISTRIBUTION

At present, ever-increasing urbanization has resulted in shortage of land resources and high density of buildings. Lack of relevant planning basis, guidance and clear land property definition, children's playground in China, in most cases, is a part of the city's public space with relatively high flexibility and uncertainty. In addition, since children's game space is only limited to a certain area in want of professional planning guidance, outdoor games can only exist in the city's corners. Therefore, children's playgrounds influenced by the city's existing public space, are unevenly distributed around the city. The space for children's activities varies in different urban development zones. Due to the narrow space in the old city, space available for children's activities is limited while the suburb equipped with rich space resources will be a good choice for children's activities.

#### 2. IGNORE CHILDREN'S CHARACTERISTICS

In China, although some children's playgrounds are established in some residential areas, parks and schools, they still cannot create a good environment for children's activities because children's physical, psychological and behavioral characteristics are neglected. In China, it is not difficult to find that most recreation facilities and venues are only aimed at the adult's world, and few of them can really take children's physical and mental needs into consideration. Consequently, the city's development has abandoned the development of children's facilities. However, children's playground design shall take psychology of children development, children's game theory and environment-behavior studies into full consideration. As the designer has not paid enough attention to children's psychological traits and failed in concluding the design concept based on relevant theories, most existing children's playgrounds cannot meet relevant requirements.

#### 3. STRONG COMMERCIAL ATMOSPHERE

In recent years, the development of large-scale recreation facilities, to some extent, has propelled the improvement of children's playground. Yet, the commercialized operation mode has triggered some negative factors to compromise the improvement of traditional children's playground, and children excessively pursue thrilling and exciting experience to compete with each other. Currently, most children's playgrounds and multipurpose parks are only equipped with large electric facilities to create strong commercial atmosphere, and no creative game is available to satisfy the child's curiosity and demand for novel things. Naturally, children will soon lose their interest in those electric facilities. In some cases, some games may excessively stimulate the child's nerve, which is not good for their healthy growth.

#### 4. LACK OF DESIGN ORIGINALITY

At present, children's playgrounds in China are most located at a simple site equipped with some basic playground facilities. Usually, a site equipped with facilities can be referred to as children's playground in China. But, previous children's activity sites are not diversified in style and cannot satisfy the child's needs any more. Unfortunately, designers just conduct their site designs based on the adult's common thought rather than the elaborate analysis made to children themselves. Our analysis made to the child's behavioral psychology must rely on the division of children's groups, and then, we shall work out the design scheme according to different divisions and ages. In addition, current design method is monotonous and out of date. In any case, designers shall proceed from the child's needs in line with the actual situation, and create a unique space for them according to the child's physiological features, gender difference and age difference. Similar facilities and lack of creativity are common problems. In a sense, sandpit, slide, swing and horizontal bar are what children's playground is all about, but diversity and creativity are what children really need. In this way, children cannot find enough space for their activities, and they can only play the same games. Consequently, the child's creativity and development will be largely compromised.

#### 5. SAFETY HAZARDS

Nowadays, more and more people are inclined to find an interesting place to enjoy their May Day and National Day holidays, and playground will be the best choice both for the child and their parents. Thus, safety is the top priority. However, safety problems are mainly caused by the damaged and worn playground facilities, unauthorized installation, manufacturers without any production license or safety certificate, out-of-date management method, unqualified operating personnel and lack of professional maintenance. In absence of specific playground for children, many sites with blurry functions in the city's park or some facilities for the adult have gradually become things to attract the child. Nevertheless, those sites and facilities (too high or with sharp points) are not specifically geared to the child, resulting in serious safety hazards for children of weak self-protection awareness.

