Play (activity)

1 Definitions

The seminal text in the field of play studies is the book *Homo Ludens* first published in 1944 with several subsequent editions, in which Johan Huizinga defines play as follows:

“Summing up the formal characteristic of play, we might call it a free activity standing quite consciously outside ‘ordinary’ life as being ‘not serious’ but at the same time absorbing the player intensely and utterly. It is an activity connected with no material interest, and no profit can be gained by it. It proceeds within its own proper boundaries of time and space according to fixed rules and in an orderly manner. It promotes the formation of social groupings that tend to surround themselves with secrecy and to stress the difference from the common world by disguise or other means.”

This definition of play as constituting a separate and independent sphere of human activity is sometimes referred to as the “magic circle” notion of play, a phrase also attributed to Huizinga. Many other definitions exist. Jean Piaget stated, “the many theories of play expounded in the past are clear proof that the phenomenon is difficult to understand.”

2 Forms of play

Play can take the form of improvisation or pretence, interactive, performance, mimicry, games, sports, and others.
People having fun

thrill-seeking, such as extreme or dangerous sports (skydiving, high-speed racing, etc.). Philosopher Roger Caillois wrote about play in his 1961 book *Man, Play and Games* and Stephen Nachmanovitch expanded on these concepts in his 1990 book *Free Play: Improvisation in Life and Art.* Nachmanovitch writes that:

> Improvisation, composition, writing, painting, theater, invention, all creative acts are forms of play, the starting place of creativity in the human growth cycle, and one of the great primal life functions. Without play, learning and evolution are impossible. Play is the taproot from which original art springs; it is the raw stuff that the artist channels and organizes with all his learning and technique. (Free Play, p. 42)

Structured play has clearly defined goals and rules and such play is called a "game". Other play is unstructured or open-ended. Both types of play promote adaptive behaviors and mental states of happiness.

Often sports with defined rules will take place within designated play spaces, such as sports fields where, in Soccer for example, players kick a ball in a certain direction and push opponents out of their way as they do so. While appropriate within the sport’s play space, these same behaviors might be inappropriate or even illegal outside the playfield.

Other designed play spaces can be playgrounds with dedicated equipment and structures to promote active and social play. Some play spaces go even farther in specialization to bring the play indoors and will often charge admission as seen at Children’s Museums, Science Centers, or Family Entertainment Centers. Family Entertainment Centers (or Play Zones) are typically For-Profit businesses purely for play and entertainment, while Children’s Museums and Science Centers are typically Non-Profit organizations for educational entertainment.

The California based National Institute for Play describes seven play patterns:

1. **Attunement play**, which establishes a connection, such as between newborn and mother.

2. **Body play**, in which an infant explores the ways in which his or her body works and interacts with the world, such as making funny sounds or discovering what happens in a fall.

3. **Object play**, such as playing with toys, banging pots and pans, handling physical things in ways that use curiosity.

4. **Social play**, play which involves others in activities such as tumbling, making faces, and building connections with another child or group of children.

5. **Imaginative or pretend play**, in which a child invents scenarios from his or her imagination and acts within them as a form of play, such as princess or pirate play.

6. **Storytelling play**, the play of learning and language that develops intellect, such as a parent reading aloud to a child, or a child retelling the story in his or her own words.

7. **Creative play**, by which one plays with imagination to transcend what is known in the current state, to create a higher state. For example, a person might experiment to find a new way to use a musical instrument, thereby taking that form of music to a higher plane; or, as Einstein was known to do, a person might wonder about things which are not yet known and play with unproven ideas as a bridge to the discovery of new knowledge.

Separate from self-initiated play, **play therapy** is used as a clinical application of play aimed at treating children who suffer from trauma, emotional issues and other problems.
3 Play and children

Humans and non-human animals playing in water

Playing in the surf is among the favorite activities of children at the beach

Dolphins playing in the surf

In young children, play is frequently associated with cognitive development and socialization. Play that promotes learning and recreation often incorporates toys, props, tools or other playmates. Play can consist of an amusing, pretend or imaginary activity alone or with another. Some forms of play are rehearsals or trials for later life events, such as “play fighting”, pretend social encounters (such as parties with dolls), or flirting. Modern findings in neuroscience suggest that play promotes flexibility of mind, including adaptive practices such as discovering multiple ways to achieve a desired result, or creative ways to improve or reorganize a given situation (Millar, 1967; Shonkoff & Phillips, 2000).

As children get older, they engage in board games, video games and computer play, and in this context the word gameplay is used to describe the concept and theory of play and its relationship to rules and game design. In their book, Rules of Play, researchers Katie Salen and Eric Zimmerman outline 18 schemas for games, using them to define “play”, “interaction” and “design” formally for behaviorists. Similarly, in his book Half-Real: Video Games between Real Rules and Fictional Worlds, game researcher and theorist Jesper Juul explores the relationship between real rules and unreal scenarios in play, such as winning or losing a game in the real world when played together with real-world friends, but doing so by slaying a dragon in the fantasy world presented in the shared video game.

Learning through play has been long recognized as a critical aspect of childhood and child development. Some of the earliest studies of play started in the 1890s with G. Stanley Hall, the father of the child study movement that sparked an interest in the developmental, mental and behavioral world of babies and children. Play also promotes healthy development of parent-child bonds, establishing social, emotional and cognitive developmental milestones that help them relate to others, manage stress, and learn resiliency.

Modern research in the field of affective neuroscience (the neural mechanisms of emotion) has uncovered important links between role play and neurogenesis in the brain. For example, researcher Roger Caillois used the word ilinx to describe the momentary disruption of perception that comes from forms of physical play that disorient the senses, especially balance.

In addition, evolutionary psychologists have begun to explore the phylogenetic relationship between higher intelligence in humans and its relationship to play, i.e., the relationship of play to the progress of whole evolutionary groups as opposed to the psychological implications of play to a specific individual.

Play is explicitly recognized in Article 31 of the Convention on the Rights of the Child (adopted by the General Assembly of the United Nations, November 29, 1989), which declares:

- Parties recognize the right of the child to rest and leisure, to engage in play and recreational activities appropriate to the age of the child and to participate freely in cultural life and the arts.
- Parties shall respect and promote the right of the child to participate fully in cultural and artistic life.
and shall encourage the provision of appropriate and equal opportunities for cultural, artistic, recreational and leisure activities.

3.1 History of childhood playtime

American historian Howard Chudacoff has studied the interplay between parental control of toys and games and children’s drive for freedom to play. In the colonial era, toys were makeshift and children taught each other very simple games with little adult supervision. The market economy of the 19th century enabled the modern concept of childhood as a distinct, happy life stage. Factory-made dolls and doll houses delighted young girls. Organized sports filtered down from adults and colleges, and boys learned to play with a bat, a ball and an impromptu playing field. In the 20th century, teenagers were increasingly organized into club sports supervised and coached by adults, with swimming taught at summer camps and through supervised playgrounds. Under the New Deal's Works Progress Administration, thousands of local playgrounds and ball fields opened, promoting softball especially as a sport for all ages and both sexes. By the 21st century, Chudacoff notes, the old tension between parental controls and a child’s individual freedom was being played out in cyberspace.

4 Play and adults

Although adults who engage in excessive amounts of play may find themselves described as “childish” or “young at heart” by less playful adults, play is actually an important activity, regardless of age. Creativity and happiness can result from adult play, where the objective can be more than fun alone, as in adult expression of the arts, or curiosity-driven science. Some adult “hobbies” are examples of such creative play. In creative professions, such as design, playfulness can remove more serious attitudes (such as shame or embarrassment) that impede brainstorming or artistic experimentation in design.

5 Play and animals

Evolutionary psychologists believe that there must be an important benefit of play, since there are so many reasons to avoid it. Animals are often injured during play, become distracted from predators, and expend valuable energy. In rare cases, play has even been observed between different species that are natural enemies such as a polar bear and a dog. Yet play seems to be a normal activity with animals who occupy the higher strata of their own hierarchy of needs. Animals on the lower strata, e.g. stressed and starving animals, generally do not play. The social cognitive complexity of numerous species, including dogs, have recently been explored in experimental studies. In one such study, conducted by Alexandra Horowitz of the University of California, the communication...
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8 Further reading


9 External links

• The National Institute for Play

• The Play Foundation

• IPA World Home (International Play Association: Promoting the Child’s Right to Play)

• Creative Play

• Brown, Stuart (2008) Why play is vital – no matter your age, TEDtalks, TED.com
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