

# an international ice sport



















Curling is an ice sport of fitness and finesse enjoyed by thousands of Americans and over 1.5 million people in 54 countries. Men, women, and youth curl for recreation and competitive satisfaction that can last a lifetime.

Curling was a full-medal sport at the 1924 Olympic Winter Games in Chamonix, France, but would not again be recognized as such until the 1998 Olympic Winter Games in Nagano, Japan. The Pete Fenson rink made U.S. history by winning the nation's first Olympic medal in curling when they defeated Great Britain for the bronze at the 2006 Olympic Winter Games in Torino, Italy.

Curlers compete annually in events all over the world. However, local curling clubs and their members are the heart of curling. Clubs set up weekly leagues throughout the season. The traditional season runs from October through March, with a growing number of arena-based clubs curling during spring and summer months. Many curlers also look forward to weekend tournaments—or bonspiels—where they often form lasting friendships with curlers from other clubs. Camaraderie is also enjoyed off the ice, where curlers absorb the warmth of the clubroom, socializing and recounting their game.

The Spirit of Curling—"Curlers play to win but never to humble their opponents. A true curler would rather lose than win unfairly...the spirit of the game demands good sportsmanship, kindly feeling, and honorable conduct."

### History

It is generally agreed that curling's great tradition began in 16th century Scotland. The Scots added zest to their winter with a game originally

played outdoors on frozen lochs and marshes.

The principles of the game were similar to the modern game, although there were many differences in equipment.

Scottish farmers curled on the frozen marshes using "channel stones," which were naturally smoothed by the water's action. Scottish immigrants brought the game with them to North America, first to Canada around 1759, then to the United States around 1832.

By 1855, curling clubs flourished in New York City, Detroit, Milwaukee, and Portage, Wis. Today, there are over 180 clubs in the U.S., which are located in more than 40 states in the country. Curling is most popular in Canada, where it has become one of that country's top-rated television sports.

The modern game of curling is marked by a high degree of physical skill and mental toughness. Stones, with the now-familiar round shape, were standardized at about 42 pounds. The consistency of the game was also advanced during the 20th century with refrigerated indoor ice, which helps ensure a fast, consistent, and predictable playing surface.

The World Curling Federation (WCF) governs international competition. The United States Curling Association (USCA), founded in 1958, is a member of the WCF and the U.S. Olympic Committee.



## curling is a team game

Each team has four players—a lead, a second, a third, and a skip (the strategist). All four players on each team shoot—or deliver—two stones per end, alternating with the other team. Play begins with the leads, followed by the seconds, and the thirds (or vice-skips). The skip usually throws the last two stones, and calls the team's shots from the opposite end of the ice while the others are shooting.

To deliver the stone, a player assumes a crouched position with one foot placed in a rubber foothold (the hack). One hand grips the stone handle, and the other hand holds a broom or other stabilizing device to provide balance. The player pushes off with the hack foot into an outstretched sliding position, with the other foot placed under the center of the chest and the stone out front along the line of delivery.

The delivery stick was introduced to allow curlers to deliver the stone without using a sliding delivery. Wheelchair curlers also utilize the delivery stick.

A turn of the handle during the release makes the stone curve—or curl—as it travels down the ice. The object of shooting is to get the stone to come to rest at the spot where the skip called for it (a draw), or to remove another stone (a takeout). Shooters must be accurate in three areas for a shot to be successful: they must deliver the stone toward the skip's target line (the broom), give the stone the proper



velocity (weight), and impart the correct turn on the handle so the stone curls in the intended direction.

It's the skip's job to "read the ice" to determine how much the stone will curl. The other two players are prepared to sweep the stone's path. The skip will call out if the stone needs to be kept "on-line." Sweepers use their brush heads to create friction, which warms the ice to help the stone travel straighter or farther. Sweepers play a key role on the team by judging the speed of the stone.

Vigorous sweeping requires fitness—in a typical game, a curler covers almost two miles.

#### **Equipment**

Curlers use a broom or brush for sweeping. They typically wear layered, loose-fitting clothing to allow flexibility and gloves to stay warm. Curling shoes are available, but not required. Any flat-soled, clean shoe that can grip the ice will do. A slider is typically worn on the sliding foot—it can be strapped on separately, or built into the shoe.

Curling stones are made of special granite quarried in Scotland and Wales, which are purchased by the club for all curlers to use. Curling ice is noticeably different from skating ice. The ice is made as level as possible, then sprinkled with droplets of warm water (pebble) that freeze on contact. Pebbling creates small bumps on the ice surface that allow the running edge of the stone (about five inches in diameter) to easily slide—or glide—down the ice. The curling houses and boundary lines (see illustration) are embedded into the ice.



#### Let's Play!

A league game is typically eight ends, lasting about two hours. Games that lead to World Championship and Olympic competition are 10 ends. One end is complete when all 16 stones (eight stones per team) have been delivered.

Determining the score is simple. Only one team can score per end. A stone is in the scoring area if it is in, or even touching, the house (the concentric circles). One point is scored for each stone closer to the middle of the house (the tee) than any of the opponent's. The team that scores last delivers the first stone in the next end, giving the opposing skip the last stone, also known as the hammer. See the illustration below for the layout of a sheet of ice. The sheet is set up for play in both directions. A scoring example is shown in the bottom right house.

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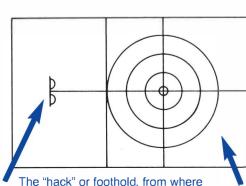


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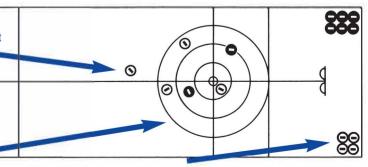
- Olympian John Shuster (cover), photo by Rich Harmer for USA Curling
- 2018 Women's Olympic Team, photo by Rich Harmer for USA
  Curling



shots are delivered.

The 146-foot "sheet of ice."

Note the white stone in front of the house. It is not scoring, but it can serve as a "guard."



The "house" is 12 feet in diameter, with "tee" at the center.

The "hog" lines are 21 feet from the tee. Shooters must release stones before they reach the hog line. Stones must

cross the far hog line or they will be removed from play.

White has scored one point this end.
Only one white stone is closer to the tee
than any black stones.

These stones ended up out of play and are stored here for use in the next "end," when they'll be delivered in the other direction.