"Design for Sport," an exhibition of more than 100 examples of sporting equipment, will open at the Museum of Modern Art on May 10. Presented in cooperation with Sports Illustrated Magazine and The National Sporting Goods Association, the exhibition will remain on view for two months.

The objects, ranging from fencing and diving masks to racing cars, will be installed in a specially designed tent, 80 feet square, which will be erected this spring in the Museum's outdoor exhibition area east of the Sculpture Garden. Equipment for more than 40 different sports activities will be presented in the show.

Each piece, from baseballs to gliders and skis, was selected by the Museum after having met Sports Illustrated's standards of performance.

"The design of sports equipment, more than that of other kinds of artifacts, is determined by the functions they must serve," Mildred Constantine, Associate Curator of the Department of Architecture and Design, says. "Unlike the design of other kinds of useful objects, such as refrigerators and vacuum cleaners, design innovations in sports equipment are checked not only by a public which prides itself on its skill but also are critically proved in the hands of professionals of every sport."

Some of the objects in the exhibition, like the crossbow, the kite and the discus, have been developed by many men of many nations for centuries; others, such as the racing cars are mechanized products of the mid-20th century. Most were designed by groups of technicians; a few are designed by individuals whose style is clearly identifiable.

The objects were selected from 16 countries by Mildred Constantine and Greta Daniel, Associate Curators of the Museum's Department of Architecture and Design. The exhibition is directed and will be installed by Arthur Drexler, Director of the Department.

"Design for Sport" is one of a continuing series of exhibitions the Museum of Modern Art has presented of well designed artifacts. Previous exhibitions have included automobiles, packages, furniture, household equipment and textiles.