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Kurt D Herzinger*, 2354 Fairchild Dr Ste 6D234, Usaf Academy, CO 80840-6208. *Numerical Semigroups and the Game of Sylver Coinage.*

Sylver coinage is a two-player game played on the natural numbers. Players take turns naming numbers and eliminating from play any number that can be expressed as a sum of the numbers which have been named. The player who is forced to choose the number “1” loses the game. After a finite number of turns, the set of numbers available for play form the complement of a numerical semigroup. We will examine winning and losing positions in the game and how they relate to numerical semigroups. (Received March 01, 2020)