

Activity Overview

Organs that can be transplanted are heart, kidney, liver, lungs, and intestine. In this card game called “Organs’ War”, students are expected to learn the functions of these organs and major causes of diseases of each organ.

Materials

Organs’ war cards

Instructions

Recommended number of players is 2-3

Each player will have two sets of organ cards (heart*2, kidney*2, liver*2, lung*2, Intestine*2).

In the middle of the players, there should be a deck of “ATTACK” and “Transplant” cards (high cholesterol *3, high blood pressure *3, tobacco *3, alcohol*3, pollutants*3, viral infection*3, transplant*3)

At each turn, a player should pick a card from the deck.

If it is “ATTACK”, the player can kill a corresponding organ of another player

If it is “Transplant”, the player can take one of the organs from another player

In order to win, the player should kill all of the organs of other players.

Important rules

In order to attack, player should only use “ATTACK” cards that are responsible for major causes of disease of each organ. See below:

Heart: high cholesterol, high blood pressure, obesity, tobacco use

Kidney: diabetes, high blood pressures, obesity, tobacco use, excessive alcohol

Liver: alcohol, tobacco use, viral infection

Lungs: tobacco use, pollutants, viral infection

Intestine: virus infection, inflammation