

Activity title: Juno Island Board Game

This game is suitable for 1-3 players, ages 7+

Aims:

By playing this board game, children will be able to understand the importance of vaccination and identify the different methods to protect themselves from a infectious disease.

Materials:

- Print the board design (at the end of this document) on an A3 sized paper. Alternatively, you can draw/design your own island map.
- Print/make tokens of 35 sick people & 29 healthy vaccinated people; you can print our design at the bottom of this document if you want! The size of these tokens should just be enough to sit on one square of the board.
- You can use any mini figurines as your character or [buy these here](#).

Set up:

Place the sick and healthy vaccinated people tokens randomly on the board, making sure that the side with the sick and healthy people is facing down. The fewer infected tokens the easier the game, which can be adapted to the audience.

To win, you must escape the island by reaching the other side of the board with remaining "immunity points". You begin with 100 immunity points, and every time you encounter a sick person, you lose 20 immunity points. If people are not vaccinated, the probability of getting the disease becomes higher, which means people who don't have the disease yet may lose "immunity points". If you lose all your immunity points, you lose the game.

Just like in real life, if people are vaccinated from certain diseases, the probability of the disease being spread becomes lower. If you come across a healthy vaccinated person you, in return, do not lose any "immunity points"!

What to do:

1. Let the players choose a figurine character. Explain:

You are a tourist visiting Juno Island... but you missed out on important news! On this island people are infected by a virus that is highly contagious and you must leave as soon as possible! To do that, you must cross the island moving your character one square at a time but of course, it's not that easy! In your path are sick, infected people that prevent you from escaping but you won't know if they're sick or healthy until you move into that square!

2. Begin the game by asking the players to choose a space in the first row/column. One player at a time must move across the board – e.g. top to bottom, left to right.
3. Players can move one square at a time in any direction. The token on that square is turned over to reveal a sick or healthy person.
4. If the chosen square is a healthy vaccinated person, the space is safe, and it's the next player's turn.
5. If the token reveals a sick person, explain:

You encounter a sick person – lose 20 immunity points! Now you only have 80 points... but don't worry because we can play the "immunity power up" cards. Would you like to lose 20 immunity points or use the cards?

6. If the player wishes to use the cards, pick one from the pile and explain depending on the card chosen:

"Immunity power up" cards

Protect! – this card gives you +10 immunity points.

Diseases are often passed from person to person by direct contact. This could include shaking hands, sneezing (airborne), and kissing. You can protect yourself by stopping the spread of disease by washing your hands with soap, avoiding close contact with infected people, covering your coughs and sneezes with a tissue so you break the chain of infection.

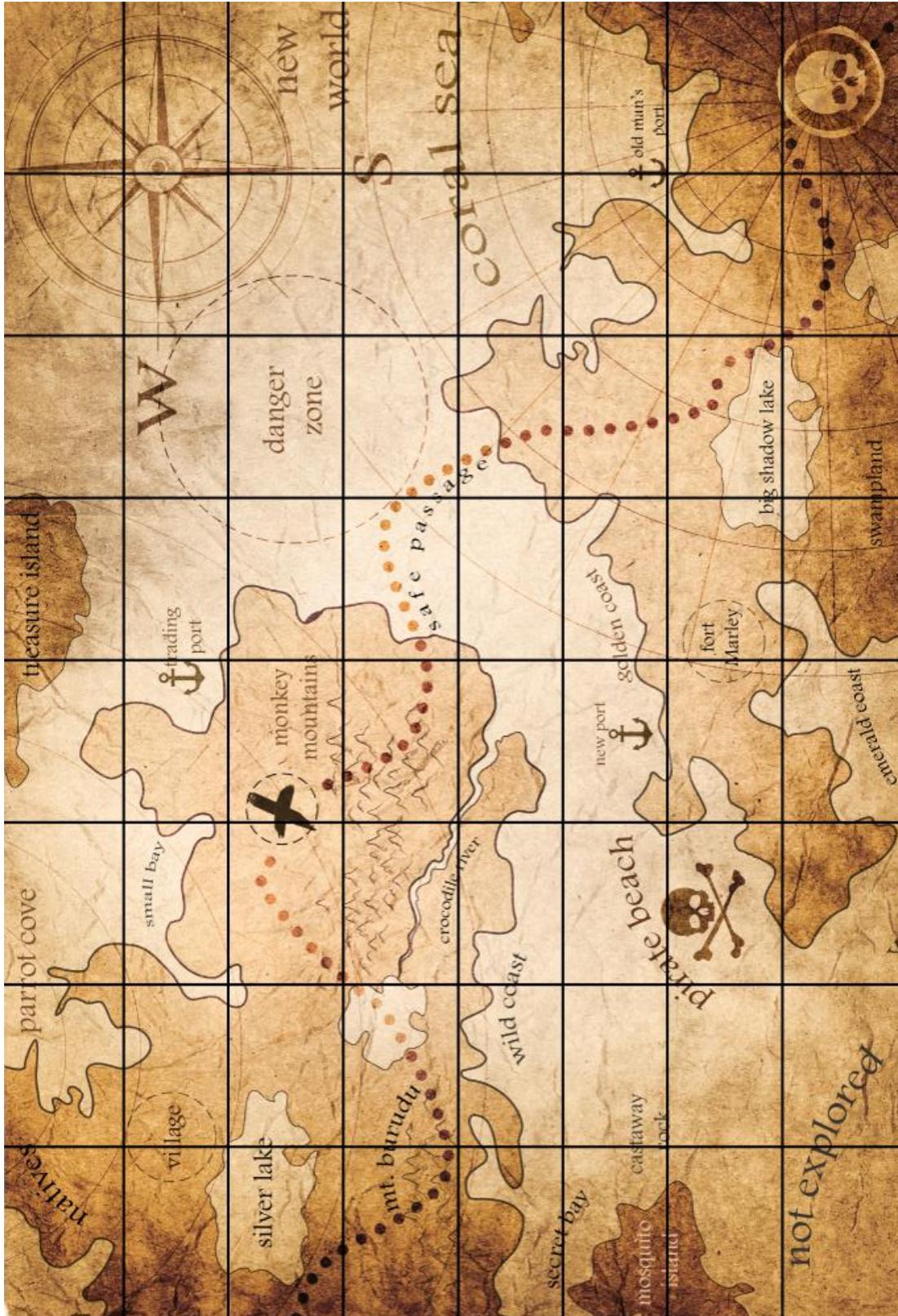
Reveal! – this card can reveal what's in the space you plan to move into next. Being cautious and careful around your environment are essential when it comes to fighting off diseases. If you are well-informed about an active disease, you protect yourself from infection.

Herd immunity! –this card makes you become surrounded by a herd of healthy vaccinated people which makes your next move a safe move regardless of what's approaching you.

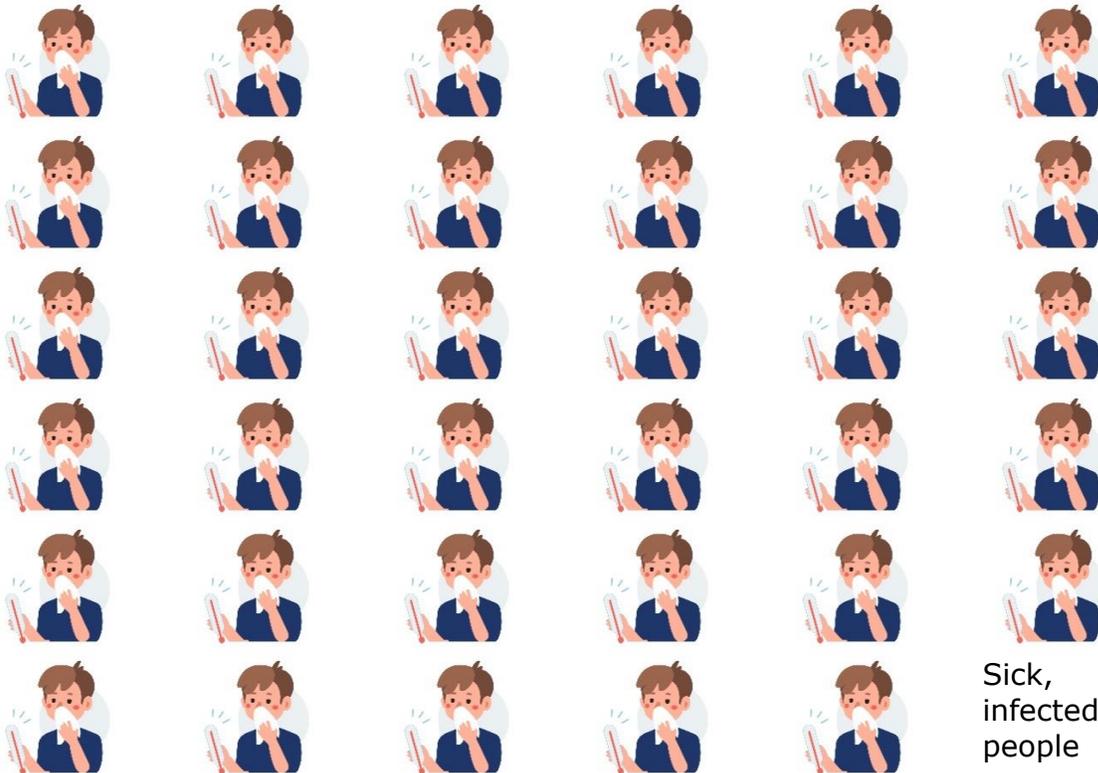
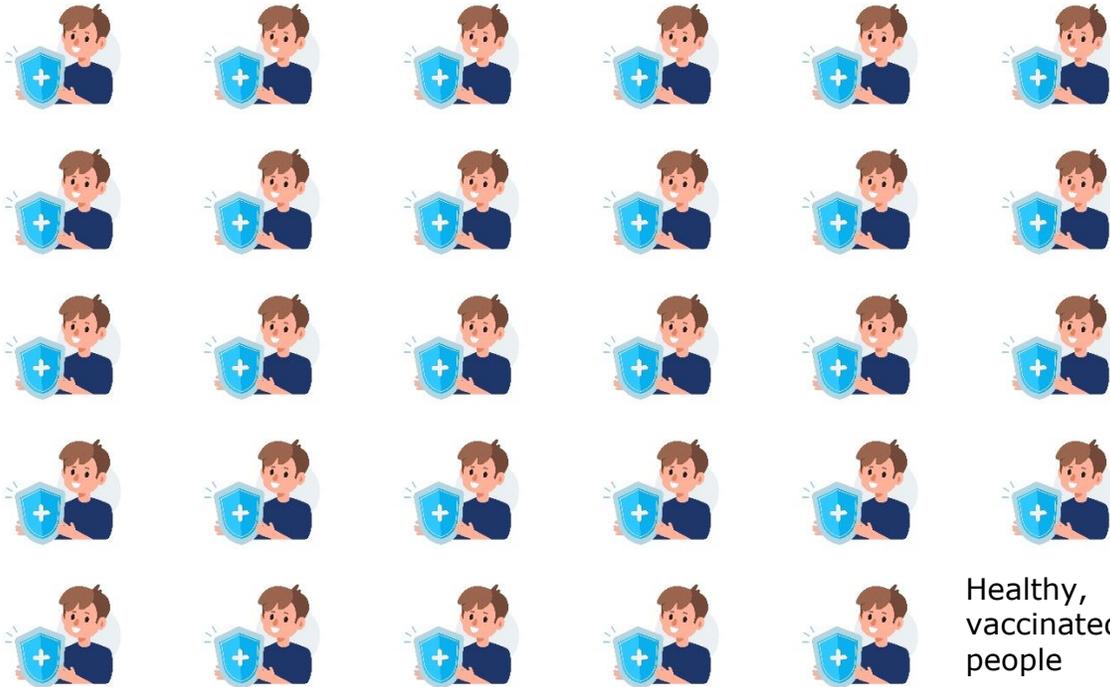
Herd immunity works that way in real life as well: when the majority of a population is vaccinated, they indirectly protect those who are most vulnerable and cannot be vaccinated.

7. Players continue moving across the board turning over tokens and playing the cards until someone wins!

Juno Island board – print this A3



Juno Island tokens – print this page to create your own tokens



Juno Island "immunity power up" cards – print this page x2 to create your own cards

REVEAL!



Reveal the token in the square you plan to move into next.

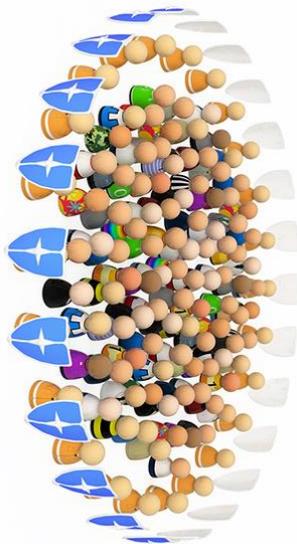
PROTECT



+10 immunity points

HERD

IMMUNITY!



Become surrounded by a herd of vaccinated people which makes your next move a safe move regardless of the token.