

Agar!



Agar is a jelly that is filled with food for bacteria, so we use it in science labs to grow them. Fanny Hesse was the first scientist to come up with this idea.

ACTION: Play Immediately

Add this card to any "Bacteria" Microbe card you have in play and collect one less Resource card to complete it. If you do not have any "Bacteria" Microbes in play, burn this card.

MODIFIER CARD

000

Microscope!



Antonie van Leeuwenhoek, a Dutch scientist, was the first person in the world to see bacteria and protists. He did this by looking through a microscope he built.

ACTION: Play Immediately, then burn.

Draw a new Microbe card. If there are no Microbe cards remaining, also burn this

MODIFIER CARD

(•)(\$)(≡)

080

Antibiotic Resistance!



Antibiotics are a medicine that we take when bacteria make us sick.

Usually, antibiotics kill or stop bacteria from growing, but some bacteria are able to fight them and

We call these bacteria "antibiotic resistant"

ACTION: Play Immediately or burn.

Add this card to any "Bacteria" Microbe card you have in play and collect one less Resource card to complete it.

MODIFIER CARD

(•)(\$)(=)

080

Special Talent SPECIALTY CARD



SPECIALTY CARD Special Talent

000

Special Talent SPECIALTY CARD



SPECIALTY CARD Special Talent

080

Special Talent SPECIALTY CARD

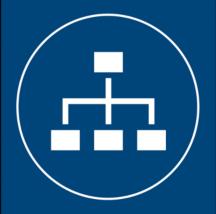


SPECIALTY CARD Special Talent

080

Structure Forming

SPECIALTY CARD



SPECIALTY CARD Structure Forming

Structure Forming

SPECIALTY CARD



SPECIALTY CARD Structure Forming

Structure Forming

SPECIALTY CARD



SPECIALTY CARD Structure Forming

Tiny Organism Alert!



Nanoarchaeum equitans, a species of Archaea, are some of the tiniest microbes to exist on Earth!

ACTION: Play Immediately or burn.

Add this card to the Microbe you have in play that is furthest from being completed. Collect one less Resource card to complete it.

MODIFIER CARD



Antibiotics!



Antibiotics are a type of medicine that we can use to treat illnesses caused by bacteria. They can kill bacteria or stop them from making us sick: allowing us to feel better.

ACTION: Play Immediately, then burn.

Discard one "Pathogen" Resource card from your hand or from one of the Microbes you have in play.

MODIFIER CARD



Transmission!



Microbes can be spread around from person to person. Sometimes, this can lead us to becoming sick. Other times, like when we were babies, it helped to build our immune system!

ACTION: Play Immediately, then burn.Every player must pass one card from

Every player must pass one card from their hand to the player on their left.

MODIFIER CARD



Cooperation!



Many individual microbes are able to work together like a team! This cooperation could be between one species or different species.

ACTION: Keep on table. Burn after use.

Once you complete your next hand, you may return all Resource cards from it into your hand.

MODIFIER CARD



Only Some Microbes Make You Sick!



Most microbes in our bodies help us by making nutrients and fighting off other microbes, but sometimes they can make us feel sick.

ACTION: Play Immediately, then burn.

Discard a Resource card from one of your Microbes in play.

MODIFIER CARD



Immune System!



Your immune system protects your body from pathogens that can make you sick.

ACTION: Keep in hand - play as needed.

Use this card to block one Modifier card action that another player tries to use against you. Burn after use.

MODIFIER CARD



A New Medicine!



When microbes invade our bodies, medicines can be used to treat the diseases they cause. We call microbes that cause disease and make us sick "pathogens".

ACTION: Play Immediately, then burn.

Discard one "Pathogen" Resource card from your hand or from one of the Microbes you have in play.

MODIFIER CARD



Bacteria Get Sick Too!



Microbes do not just make humans sick: there are extra tiny viruses called phages that infect bacteria.

ACTION: Play Immediately, then burn.

Any player with a "Virus" Resource card on the table, must discard a "Bacteria" Resource card from their hand or from a Microbe in play.

MODIFIER CARD



Vaccine!



Vaccines prepare your immune system to fight off viruses and bacteria so they cannot make you sick.

ACTION: Keep in hand - play as needed.

Use this card to block one Modifier card action that another player tries to use against you. Burn after use.

MODIFIER CARD



Environmentally Friendly!



Microbes do many important things for the environment like producing oxygen for us to breathe, making nutrients, and protecting plants from disease.

ACTION: Play Immediately, then burn. Give one Resource card from your hand to any other player.

MODIFIER CARD

⊕⊗=

Environment!



Microbes are everywhere, but each microbe needs a very specific environment to survive. Their survival depends on things like temperature, food availability, and the other species that live there.

ACTION: Play Immediately, then burn. Skip your next turn.

MODIFIER CARD

⊕

Microbiology!



Microbiology is an entire field of science dedicated to studying microbes!

ACTION: Play Immediately, then burn.
Draw a new Microbe card. If there are no
Microbe cards remaining, burn this card.

MODIFIER CARD

(•)(S)(Ξ)

That's a lot of bacteria!



We are covered in bacteria - inside and out! Humans are made of 10% human material and 90% bacteria!

ACTION: Play Immediately, then burn.Draw a new Microbe card. If there are no Microbe cards remaining, burn this card.

MODIFIER CARD

(§) (S) (D) (S) (D) (S) (D) (S) (D) (D)

Culture!



Scientists can grow microbes like bacteria, fungi, and protists in the lab. They do this by giving the microbe all of the food and materials it needs to survive.

ACTION: Play Immediately, then burn.Draw a new Microbe card. If there are no Microbe cards remaining, also burn this card.

MODIFIER CARD

(€)(S)(Ξ)

Discovery!



Scientists are constantly discovering new microbes. For example, more than 2000 species of fungi are discovered every year!

ACTION: Play Immediately then burn. Draw a new Microbe card. If there are no Microbe cards remaining, burn this card.

MODIFIER CARD

⊕\$⊕

Industry Advance!



Microbes can be really useful in helping us make food, medicines, or even fertilizer for plants!

ACTION: Play Immediately, then burn.

Choose two players and take one Resource card they have in play from each of them.
You may use or keep these cards or you may discard them.

MODIFIER CARD

(1)(\$)(≡)

Misinformation!



Most of the time, people only focus on the microbes that make us sick and ignore the ones that are important for the environment and our survival.

ACTION: Play Immediately, then burn.
Switch your entire hand with another player.

MODIFIER CARD

(•)(\$)(≡)

Pandemic!



Some microbes are very strong pathogens which cause illness. These microbes cause pandemics that happen because many people get infected at the same time.

ACTION: Play Immediately, then burn.

Take a "Pathogen" Resource card from from any of the cards in play. You may use or keep this card in your hand, or you may discard it.

MODIFIER CARD

(•)(\$)(=)

Microbes are diverse!



Everybody's belly button contains a special set of bacteria. When scientists studied people's belly buttons, they discovered 1458 new species of bacteria!

ACTION: Play Immediately

Give this card to another player. They must add it to a Microbe they have in play and must also collect one extra Resource card for any of the resources listed on that Microbe in order to complete it.

MODIFIER CARD



Microbes are everywhere!



There have been multiple species of bacteria recorded to survive in clouds!

ACTION: Play Immediately, then burn. Give this card to another player. They must skip their next turn.

MODIFIER CARD



Microbes are small!



Most microbes are very tiny. Thiomargarita magnifica, a type of bacteria, is the biggest microbe at one centimetre long!

ACTION: Play Immediately, then burn.Look through the Discard pile and choose one card to add to your hand.

MODIFIER CARD

