

## Europe – Extra Credit The Netherlands

Directions: This is an extra credit reading, research and response assignment about a particular location in Europe. You will read a short article and answer questions about it. Additional questions will require you to research further information about the country or subject.

It can be printed or can be hand-written on lined paper. All questions must be answered to receive credit.

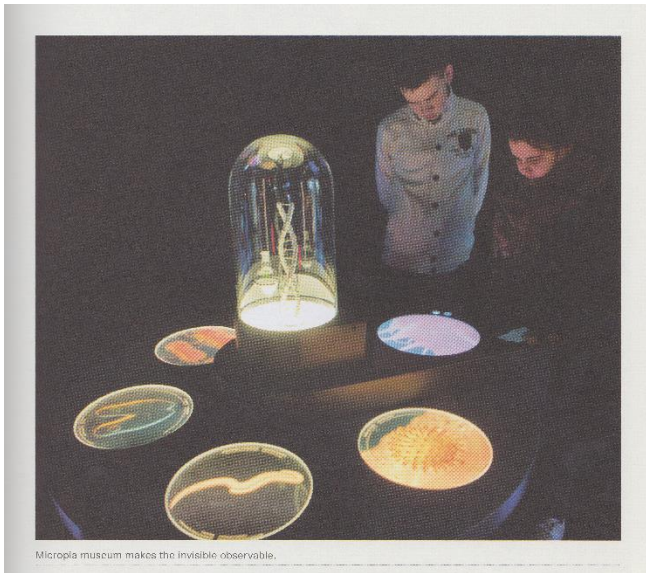
### MICROPIA

#### AMSTERDAM

Micropia is a zoo with a small difference: The creatures it keeps are invisible to the naked eye. Established in 2014, Micropia sheds light on the molds, yeasts, bacteria, viruses, and other microorganisms that are ever-present but go largely unnoticed.

The “Meet Your Microbes” exhibit highlights a few of the 100 trillion microorganisms living in and around your body, while the kissing exhibit ratchets up the romance by illustrating the massive exchange of bacteria that occurs when two people make out. **Artisplein, Plantage Kerklaan 36–38, Amsterdam. Eat something before visiting the museum—the animal feces exhibit has a tendency to quell the appetite.** 52.367668 4.912447

Excerpt from *Atlas Obscura: An Explorer's Guide to the World's Hidden Wonders* by Joshua Foer, Dylan Thuras and Ella Morton 2016. Workman Publishing



### Part One – About the Article

1. Micropia is a zoo holding what kinds of creatures?

2. How many of these organisms live in the human body? \_\_\_\_\_

### Part Two – Digging Deeper

3. Where do most of the microorganisms in the human body live? \_\_\_\_\_

4. What country was the scientist Antonie van Leeuwenhoek from? What is he famous for? \_\_\_\_\_

5. The Germ Theory of Disease was the scientific discovery that microorganisms can cause human disease, and this discovery led to the development of vaccines to prevent infection from bacteria and viruses that make people sick. Name four microorganisms or diseases for which vaccines are available in the United States. \_\_\_\_\_