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| **Chapter 1**  **1.4** | **Micro-organisms**  **P. 38-45** | | | |
| **Vocabulary & Concepts** | | | | |
| Micro-organsim | | microbe | bacteria | pathogen |
| red tide | |  |  |  |

What are some positive and negative ways that we interact with microbes?

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| What are Micro-organisms? |

A micro-organism, or microbe for short, is simply an organism that is really small. Two examples are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Microbes are our friends! ☺ | |
| http://sailorsforthesea.org/sites/default/files/styles/large/public/Phytoplankton.jpg?itok=5nvOA9Gx |  |
|  |  |
| Image result for compost |  |
| Image result for prescription drugs |  |
|  |  |
| http://www.sccollege.edu/SiteCollectionImages/Private/_intestines.gif |  |

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| Microbes are not our friends ☹ | |
| Image result for food poisoning |  |
| http://cdn.trendhunterstatic.com/thumbs/looks-at-decomposition.jpeg |  |
| http://www.healthline.com/hlcmsresource/images/Image-Galleries/Strep_Throat/Strep_throat.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are microbes that are harmful to people. Streptococcus bacteria is an example. It causes strep throat. Other examples include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |
| Image result for red tide | When phytoplankton in the ocean grow out of control, it causes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The phytoplankton produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (harmful chemicals) that end up in shellfish. Eating the shellfish during this time will result in serious \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |

**\*Meet the Microbes that are found all around your body:** <https://www.ted.com/talks/jonathan_eisen_meet_your_microbes>

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| **Activity** |

1. Go to the following website: <https://goo.gl/4fBDQ2>
2. Scroll down and click “start exploring”
3. Explore the microbes under the microscope and pick one that interests you. Complete the table below.
4. Share with another person in the class

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| **Name** | **Drawing** | **Main address (where it is found)** | **Occupation (what it does)** |
|  |  |  |  |