



## Mighty Microorganisms Suggested Grades: 5

### Program Summary:

Students will go over what bacteria are and realize that they are all around us all the time. Then the students will be broken into small groups to read and discuss real life scenarios involving several types of bacteria. Students will be tasked with deciding if the bacteria were beneficial or harmful in each scenario. By the end of the program students will realize that bacteria are everywhere and more often than not vital to life itself and sometimes in some fun and tasty ways!

### Vocabulary:

- Microorganism
- Bacteria
- E. Coli
- Thermophilic
- Legume
- Nitrogen fixing
- Antibiotic
- Probiotic

### Standards:

S5L4 a, b

*Programs are tailored to suit the knowledge and learning objectives of the participants but also intended to challenge students to develop new connections and apply information learned to real life scenarios.*