

Hidden Microbial World

Materials:

- Glitter
- Spray oil
- Pepper
- Water
- Dish detergent
- Big and small plastic bowl

Procedure:

1. Pick two volunteers and put a small amount of spray oil on their hands
2. Then add glitter to their hands (different color for each volunteer).
3. Have all the kids walk around and shake hands or hi five each other.
4. Look at their hands – there should be glitter on everyone.
5. How does this represent bacteria in the world?

Part 2:

1. Fill the large bowl with water and the small one with dish detergent
2. Add pepper to the water until the top is covered
3. Have each child dip their finger into the soap and then into the pepper water. Watch as the pepper disperses.
4. This represents how soap disperses the microbes on your hands when you wash them