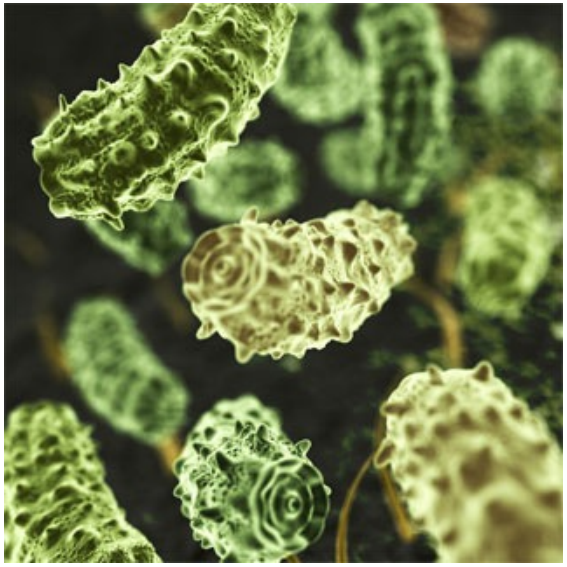
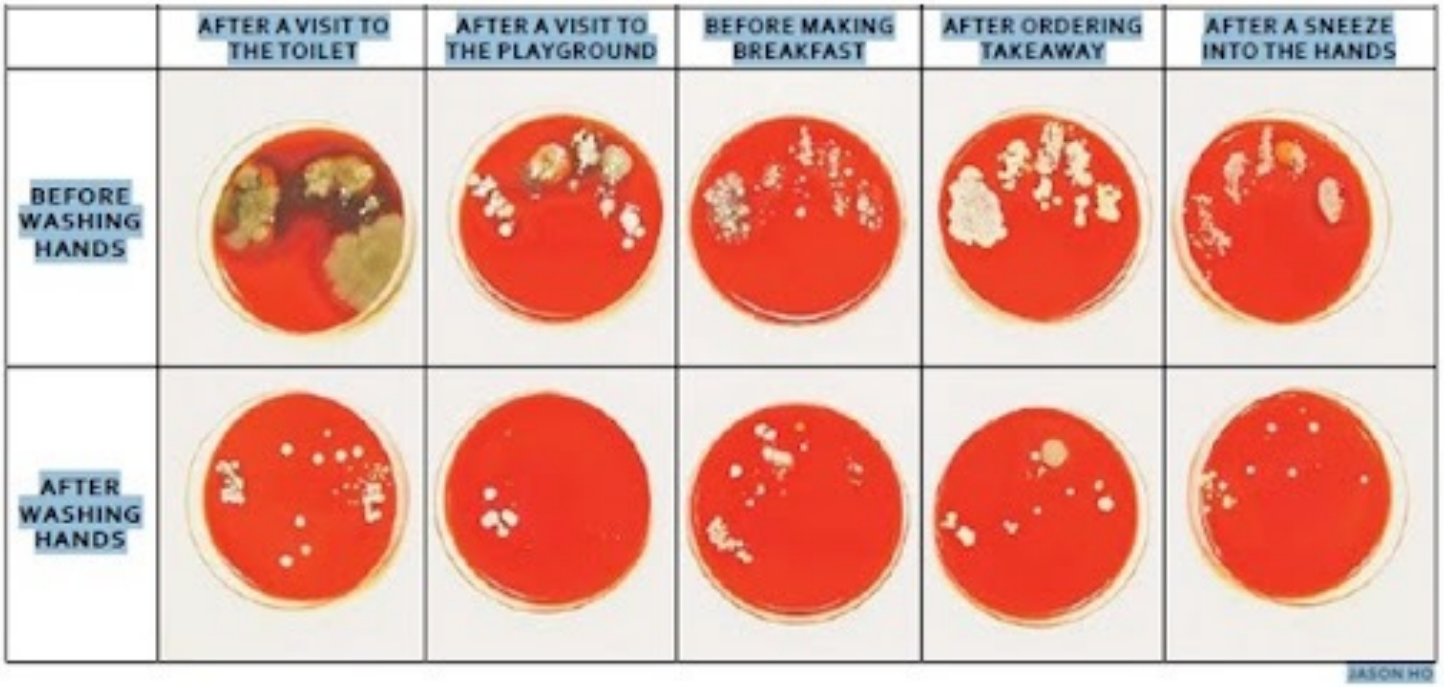
An investigation to see if washing our hands really does get rid of microorganisms



Aim: To see if there is less microorganisms on our hands after we have washed them.

Prediction: There will be less microorganisms after we have washed our hands



Method:

1. Label the two petri dishes – before on one and after on the other.
2. Quickly and carefully open the dish labelled before and put your fingers on the agar without breaking the surface of the agar.
3. Wash your hands with soap and shake them dry.
4. Quickly and carefully open the dish labelled after and put your clean fingers on the agar without breaking the surface of the agar.
5. Leave for 1 week at room temperature and then observe.

Results:

See photos

Conclusion:

Hands are not always cleaner after we have washed them. This could be due to not washing them properly or the bacteria in the room.

Evaluation:

We should repeat the experiment at least 3 times. We should make sure that we wash our hands for at least 3 minutes.