Bacteria growth investigation

**Variables:**

Independent – What are you changing?

Dependent – What are you observing?

Controlled – What stayed the same for each test?

**Materials: (should be written as a list)**

Liquid soap, soap free soap (morning fresh), hand sanitiser, bar of soap, cold water, agar plates, sticky tape, labels, incubator, swabs, paper towel

**Method: (should be written in past tense and 3rd person)**

1. Wash your hands with soap from sink and dry them.
2. Spend the next two minutes walking around touching everything in the room.
3. Swab your hand in one go, then sub the swab in one of the agar plates.
4. Label the agar plate with your name and dirty.
5. Wash your hands in a specific way, with the designated soap whilst singing the happy birthday song.
6. Dry your hands and swab them again.
7. Label the agar plate with the type of soap.
8. Sticky tape around the sides of the agar plates so they are completely sealed shut.
9. Repeat this method for all types of soap.
10. Place the agar plates into an incubator, set at 37 degrees for 6 days.