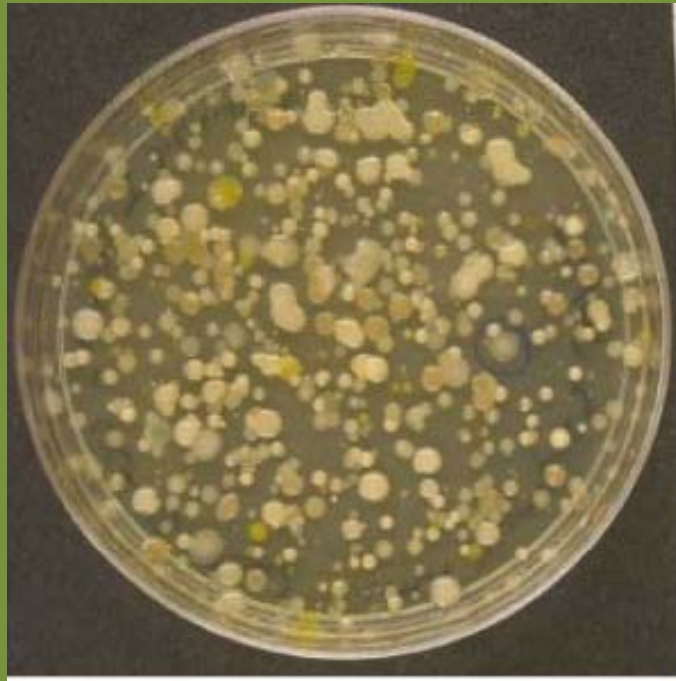


Bacteria Samples Lab

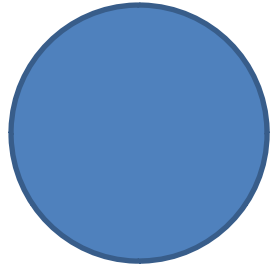


Page Set-Up

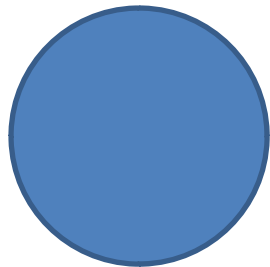
Bacteria Samples

Location 1 – **insert location**

Largest colony – **#** cm



Bacteria from _____



40 x

Description:

- 1.
- 2.
- 3.
- 4.

Same on back side of page
for second location.

Identifying Bacteria

1. Measure the **largest** colony in cm.
2. **Draw** what you see on the plate.
3. Put 1 drop of **water** on **slide**.
4. Use a **toothpick** & place some bacteria on a **slide**.
5. Hold slide with **clothes peg**, pass through **flame** 3-4 times.
6. Place slide on top of beaker. Place **2-3 drops of crystal violet** on bacteria.
7. Leave for **45 seconds**.
8. Gently **rinse** off with water. **Blot dry, do NOT rub!**
9. Find bacteria under microscope.






Describing Bacteria

1

Whole colony:

- Punctiform 
- Circular 
- Rhizoid 
- Irregular 
- Filamentous 

Edge:

- Entire 
- Undulate 
- Lobate 
- Filamentous 
- Curled 





3

Surface:

- Smooth, glistening
- Rough
- Wrinkled
- Dry, powdery

4

Elevation:

- Flat 
- Raised 
- Convex 
- Pulvinate 
- Umbonate 