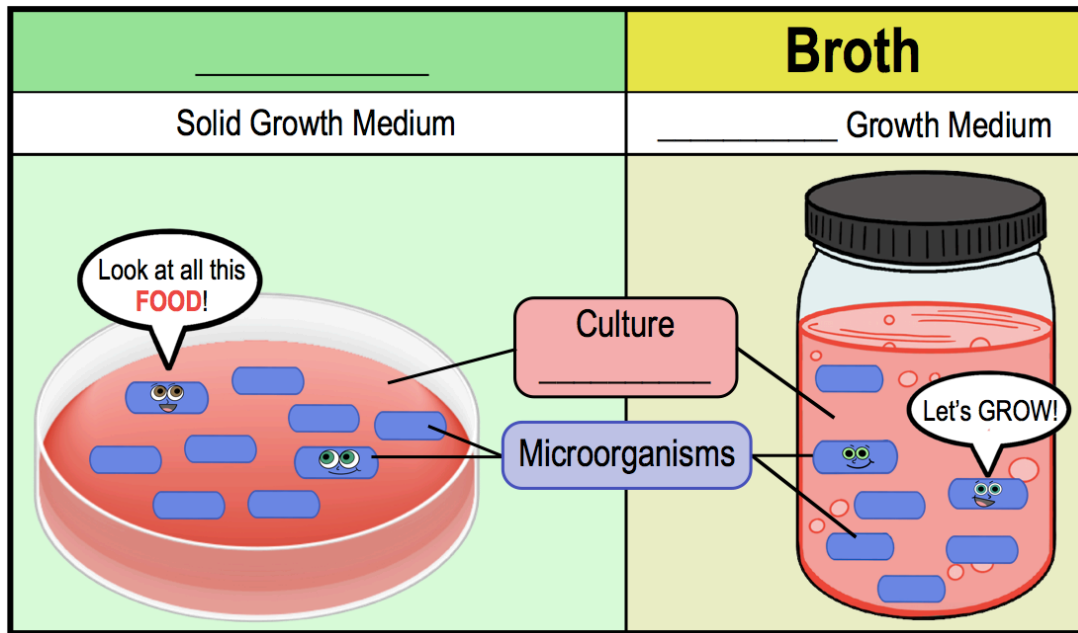


## CONCEPT: INTRODUCTION TO CULTIVATING MICROBIAL GROWTH

- Studying microorganisms in a laboratory requires \_\_\_\_\_ them on *culture medium*.
  - \_\_\_\_\_ **medium (media)**: a *solid* or *liquid* preparation of nutrients used to *grow* microorganisms.
  - Solid preparation = “**agar**” & Liquid preparation = “\_\_\_\_\_”
- Recall: **Pure Culture**: population of cells that started from a \_\_\_\_\_ colony of viable cells.



- When cultivating microbes, it is extremely important to avoid contamination by using \_\_\_\_\_ technique.
  - **Aseptic Technique**: standard practice in lab & medical procedures that \_\_\_\_\_ contamination.

## Map of Techniques for Cultivating Microbes

