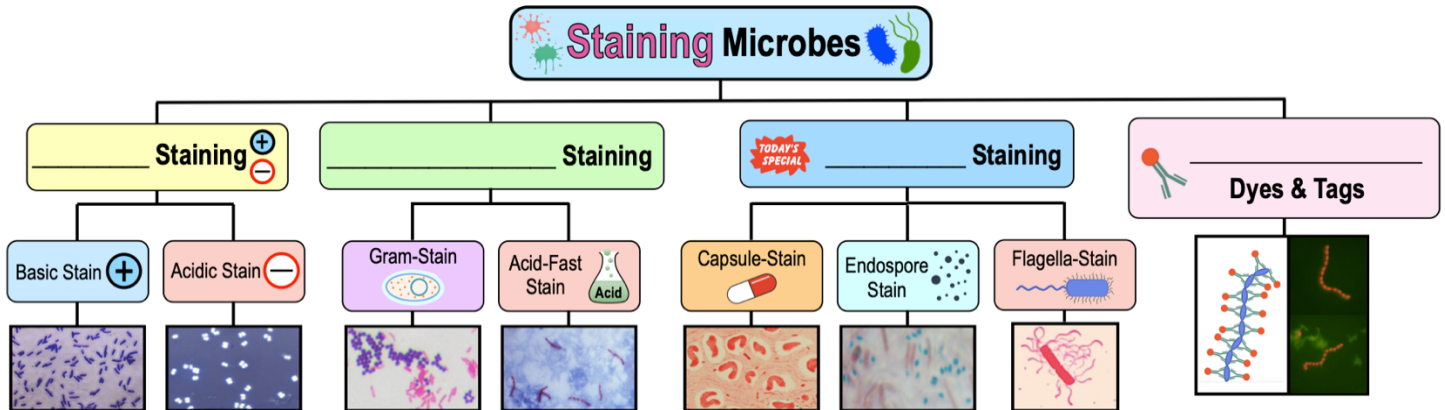


CONCEPT: INTRODUCTION TO STAINING

- Recall: many unstained microbes are colorless & transparent, creating poor contrast, making them difficult to visualize.
 - _____ microbes with one or more dyes can help to improve contrast.
 - Several different types of stains/dyes & staining techniques can be used in different scenarios.



PRACTICE: Why is staining useful when viewing microbes under a microscope?

- Staining allows the scientist to better visualize the environment behind the microbe.
- Staining allows the scientist to increase the magnification of the microscope.
- Staining allows the scientist to better visualize microbes which are usually colorless and transparent.

PRACTICE: Gram-Staining is what type of staining technique?

- A special staining technique.
- A differential staining technique.
- A simple staining technique
- A fluorescent staining technique.