Acid Fast Stain

The small pink bacilli above are Mycobacterium smegmatis, an acid fast bacteria because they retain the primary dye. The darker staining cocci are Staphylococcus epidermidis, a non-acid fast bacterium.

The capsule of Klebsiella pneumoniae is demonstrated here. This is a combination of a negative stain and a simple stain. The pink bacilli can be seen within a clear capsule.
This is a demonstration of endospore formation of *Bacillus anthracis*. The solid pink cells are vegetative bacteria. The ones that appear green are endospores.

This is alternative spore stain. The dye that stained the spores has faded in this old slide. The solid red bacilli are vegetative cells. The "bubble-like" cells contain endospores.