

Human Cheek Cell Station

1. To view cheek cells, gently scrape the inside lining of your cheek with a toothpick. **DO NOT GOUGE THE INSIDE OF YOUR CHEEK!**
2. Gently roll & tap the toothpick onto the center of a glass slide with a single drop of water. Some of the cheek cells will fall onto the slide.
3. Cover with a cover slip using proper procedure.
4. Observe the cheek cells under scanning, low and high power of your microscope.
5. Add a drop of methylene blue stain or iodine. This is done by placing a drop on the side of the cover slip and placing a paper towel on the opposite edge of the coverslip. This should draw the stain through and color the cells.
6. Observe the cheek cells under low and high power of your microscope (at the minimum you should observe the cell membrane, nucleus, and cytoplasm).

Human cheek cells

