

Tour plan for Saraland Elementary Honors Society

March 9, 2018

Tour theme: infectious disease, vaccination, and ecological health

AL Science COS standards, Grade 5: 10, 14, 16

AL Social Studies COS standards, Grade 5: 4, 5, 6

Highlighted artifacts

Bloodletting instruments (lancet, scarificator, bleeding bowl, cupping glasses, cupping pump)

Iron lung

Aseptic scalpels & antiseptic bandages

Additional resources

Lung model (bottle and straw)

Photos of mosquito, bacteria

Medicinal garden

Tour outline

1. Colonial medicine
 - a. Yellow fever
 - b. humoral theory
 - c. bloodletting
2. Germ theory
 - a. Louis Pasteur
 - b. Bacteria and viruses
3. Respiratory system and polio
 - a. Demonstration of normal lung function using model
 - b. Polio and iron lung

Activity

Create an illustrated herbal (see attached sheet)