Prairie Dogs
Supplement 3.13

Plague Transmission Diagram
Transparency

Flea Drinks Rat Blood
That Carries Bacteria

↓

Bacteria Multiply
In Flea's Gut

↓

Flea's Gut Becomes
Clogged With Bacteria

↓

Flea Bites Human
And
Regurgitates Infected
Blood Into Wound

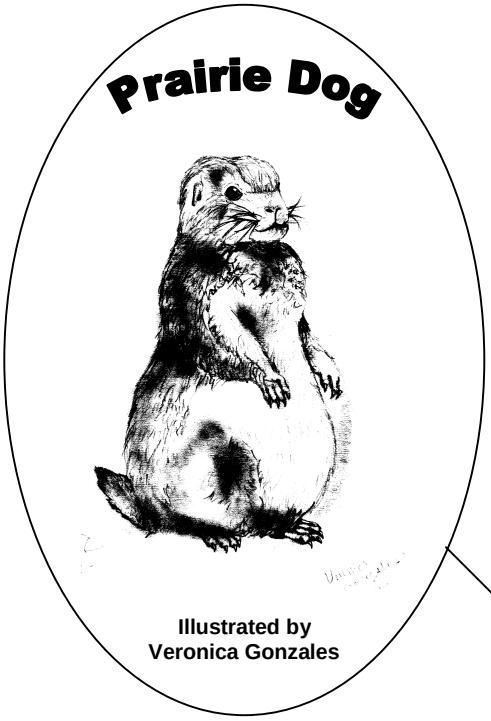
↓

Human Is Infected

Prairie Dogs
Supplement 3.14

Plague Transmission Diagram
Work Sheet

Label diagram to show how plague is transmitted from rodents to humans.



Prairie Dogs
Supplement 3.15

Tick Bite Prevention
Handout

- Avoid tick-infested areas when possible.
- Wear light-colored clothing so you can see ticks more easily.
- Wear long pants, long-sleeved shirt tucked in pants and hat or cap.
- Use duct-tape to tape pants to socks.
- Use repellent containing 10 to 30 percent DEET, and/or treat clothes and shoes with permethrin.
- Walk in the center of trails, avoiding overhanging grass, bushes and tree limbs.
- After being in the field, wash clothes and dry at high temperature.
- Inspect yourself for attached ticks.
- Carefully remove attached ticks by grasping tick as close as possible to your skin with fine tweezers while pulling straight up with a slow steady force. Apply disinfectant to bite and save tick in sealed container in case you become sick.