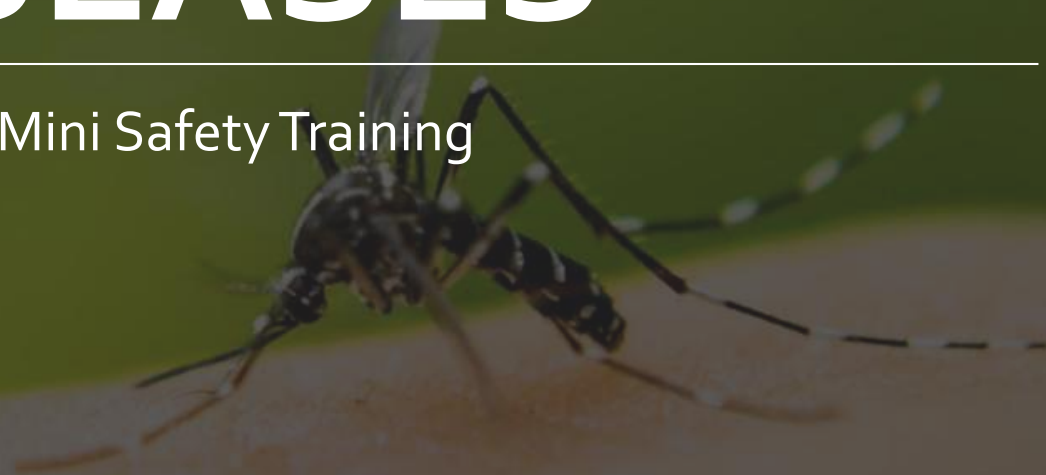


VECTOR BORNE DISEASES

HSG Mini Safety Training



Vector Borne Diseases

Mosquito Borne

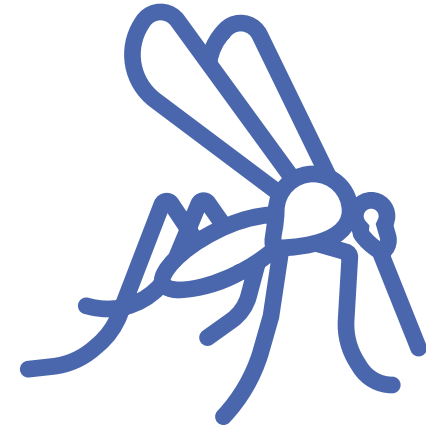
- West Nile Virus
- La Crosse Virus
- Malaria

Tick Borne

- Lyme Disease
- Rocky Mountain Spotted Fever
- Ehrlichiosis
- Babesiosis

Mosquitos

- Found around standing water, in sheltered, wooded areas.
- Usually most active during dawn and dusk.
- Wear insect repellent, reapply per label instructions
- Eliminate standing water to decrease mosquito populations:
 - Remove, turn over, cover, or store equipment.
 - Remove debris from ditches.
 - Fill in areas that collect standing water.
 - Place drain holes in containers that collect water and cannot be discarded.





American Dog Tick



Black Legged Tick



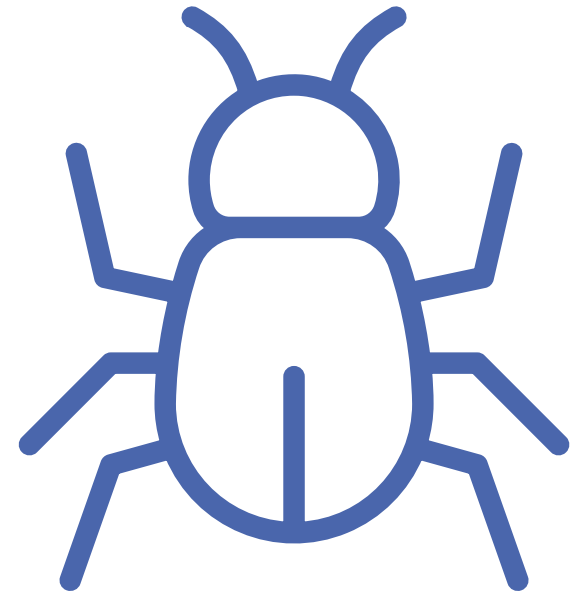
Brown Dog Tick

Ticks

- Black-legged Tick is the most common disease carrier in our region
- Typically found within 3 ft of the ground
- Edges of woods, margins of tall growth, low-hanging branches, leaf litter
- Once picked up, they will generally crawl upwards until they find an ideal feeding spot.

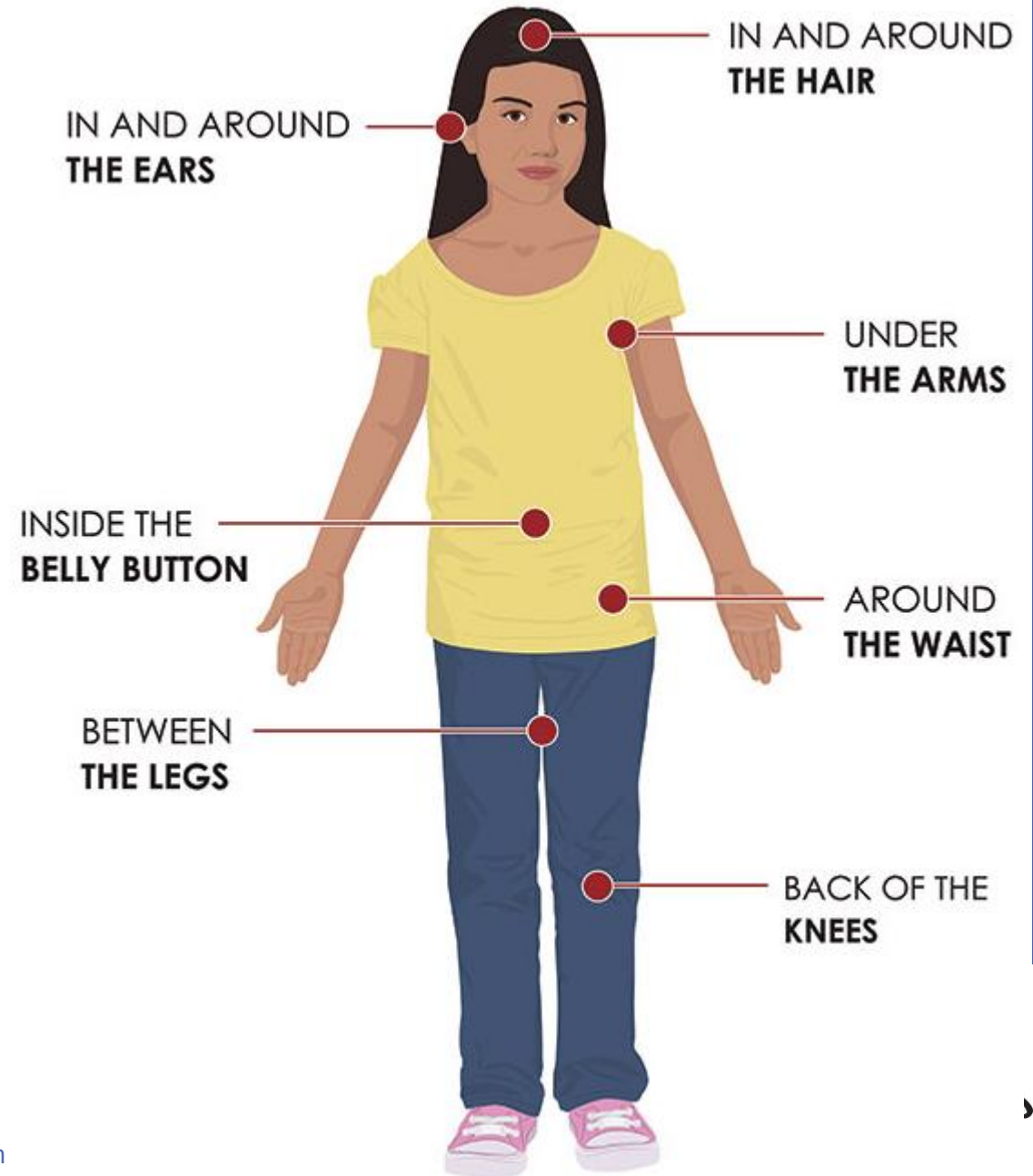
Ticks – Precautionary Measures

- Apparel:
 - Light-colored clothes to see ticks more easily.
 - Long sleeves; tuck pant legs into socks or boots.
 - Footwear that covers your feet completely.
 - Hat
- Insect repellent on your body
- Permethrin on clothing
- Shower & change clothes after work
- Wash and dry your work clothes at high temperature



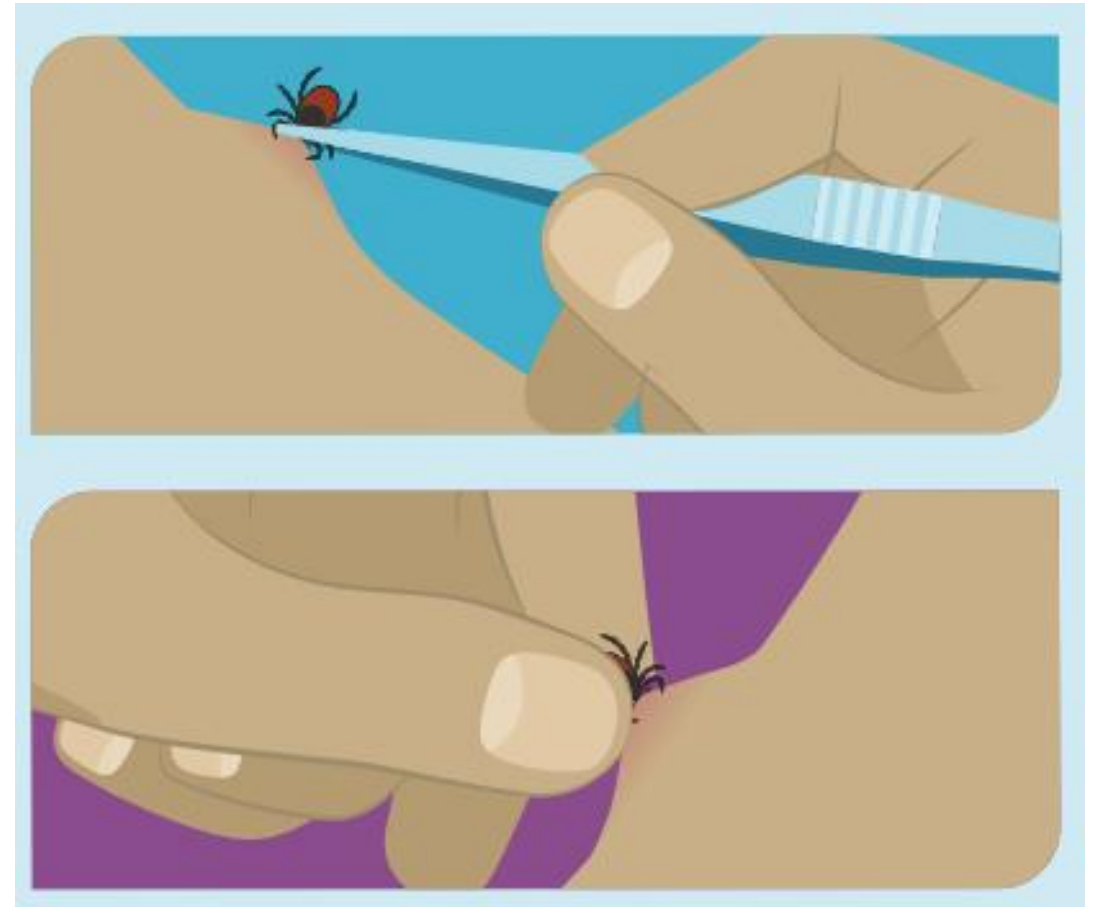
Tick Check

- Check clothing for ticks frequently
 - If any are found, do a more thorough check
- Post work check
 - Parts that bend
 - Back of knees
 - Underarms
 - Pressure points where clothing is snug
 - Waist
 - Groin
 - In & around ears, hair/hairline



Tick Removal

- Tweezers or fingers
- Grasp firmly as close to skin as possible
- Pull away from the skin with a steady motion
 - Do not twist, jerk, or squash the tick
- Clean the area with soap and water
- Monitor for symptoms



Should I save the tick and get it tested?

- Positive results don't mean you've been infected.
- Negative result can lead to false assurance. You may have been unknowingly bitten by a different tick that was infected.
- Symptoms will develop before test results are available typically. If you become ill, do not wait for tick test results before seeking medical treatment.

Vector-borne disease symptoms

- Body/muscle aches
- Fever
- Headaches
- Fatigue
- Joint pain
- Rash
- Nausea, vomiting
- Stiff neck, swollen lymph nodes
- Paralysis

