

pollination

soil

Healthy flowering plants throughout the year; no pesticide use; hummingbird feeders; butterfly garden; bog garden; students educated about and active in their school site (GEN club)

Some flowering plants; low use of pesticide

No flowering plants; high use of pesticide; nothing to attract pollinators

Rich, amended soil in garden areas; defined pathways to keep foot traffic from compacting soil; roof, parking lot and sidewalk water runoff channeled by grading to collection areas or drain fields; mulch to keep water in soil around plantings and in playgrounds; students educated about and active in their school site (GEN club)

**Some garden areas with amended soil;
mulch in garden areas**

**No garden areas; no mulch; no path-
ways (compaction); poor drainage in
areas near downspouts and concrete;
parking on ground under trees**

food

air

**Trees and shrubs with berries, fruits and flowers throughout the year; bird/hummingbird feeders; flower gardens; vegetable/herb garden; no use of herbicide/pesticide; students educated about and active in their school site
(GEN club)**

Flower garden; bird feeder; low use of herbicide and pesticide

No gardens; few plantings; high use of herbicide and pesticide

Lots of trees and shrubs; no idling zones near school; community emission regulations of nearby industries; classroom logs of student/family car use; students educated about and active in their school site (GEN club)

Some trees; no idling zone

No trees; no regulations

water

biodiversity

Porous pavement in parking areas; rain gardens near downspouts; cisterns for rain collections and use on planted areas; buffer zones of wild plantings if close to body of water and storm drains; storm drains that go directly to rivers clearly marked; classroom surveys of water use; students educated about and active in their school site (GEN club)

Storm drains clearly marked and students aware of direct impact of polluted runoff on bodies of water; students aware of water cycle; water treatment processes and methods of water conservation

No awareness of water issues

Large amount of biodiversity in and around school site; gardens (butterfly, rock outcrop, bog); no use of herbicide and pesticide; students educated about and active in their school site (GEN club)

Some variety of plant material providing food, shelter and nesting sites for wildlife; low use of herbicide and pesticide

Very little to no variety of plant material and therefore animals; monoculture; high use of herbicide and pesticide

**climate
control**

**pest and
disease
control**

Designated walk/ride bikes to school days; trials of alternative sources/uses of energy; understanding of the effects our actions have on climate; interest in global climate issues; students educated about and active in their school site (GEN club)

Talk of alternative sources/uses of energy; awareness/study of climate

No awareness of climate and connection to human actions

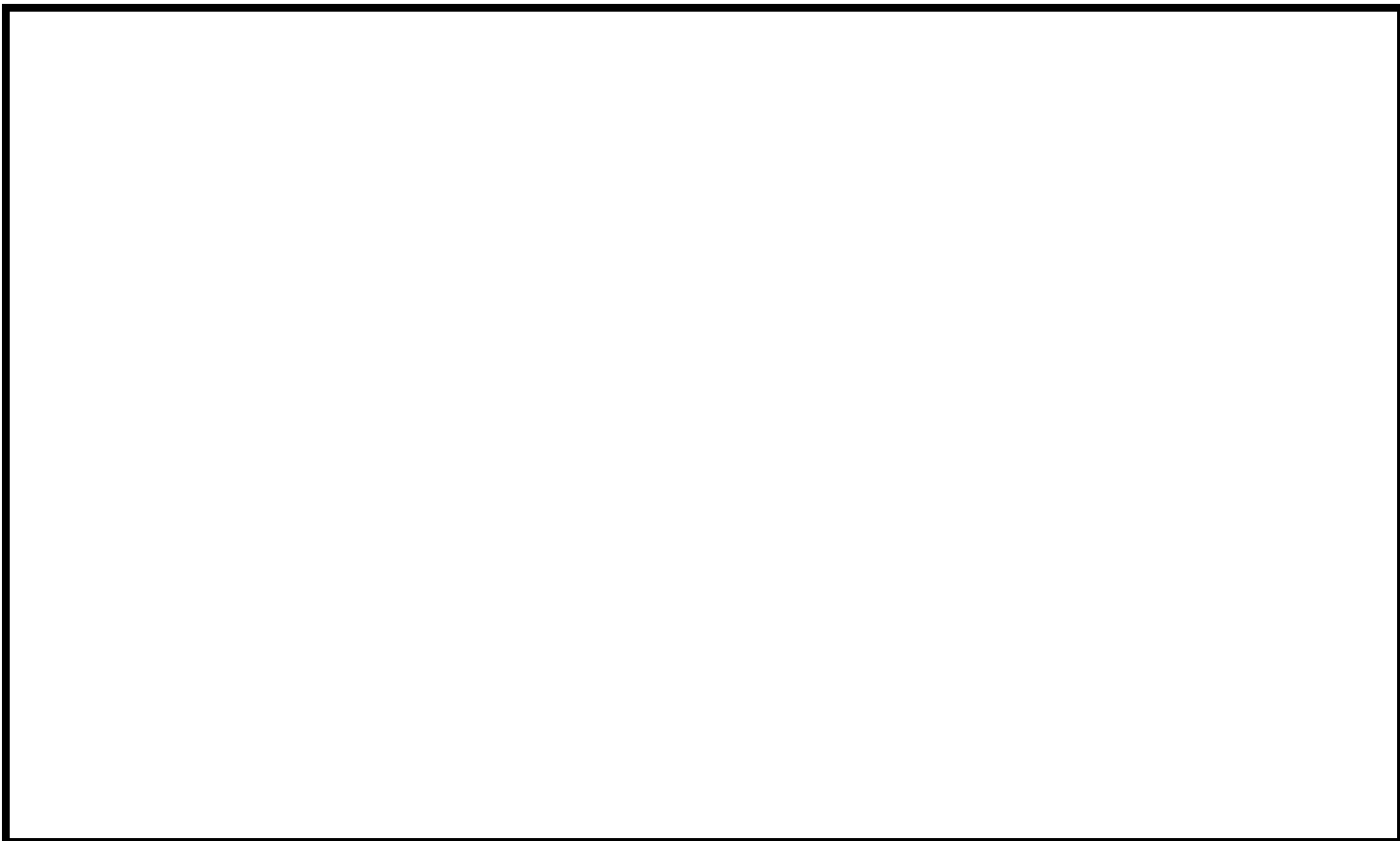
Understanding of natural controls of pests with use of beneficial insects and by promoting the health of plants; plants providing food for beneficial insects; no use of pesticides (allowing beneficial insects to survive and take care of pests naturally); mulch for established plants; no idling zones around older trees; redirecting of standing water; students educated about and active in their school site (GEN club)

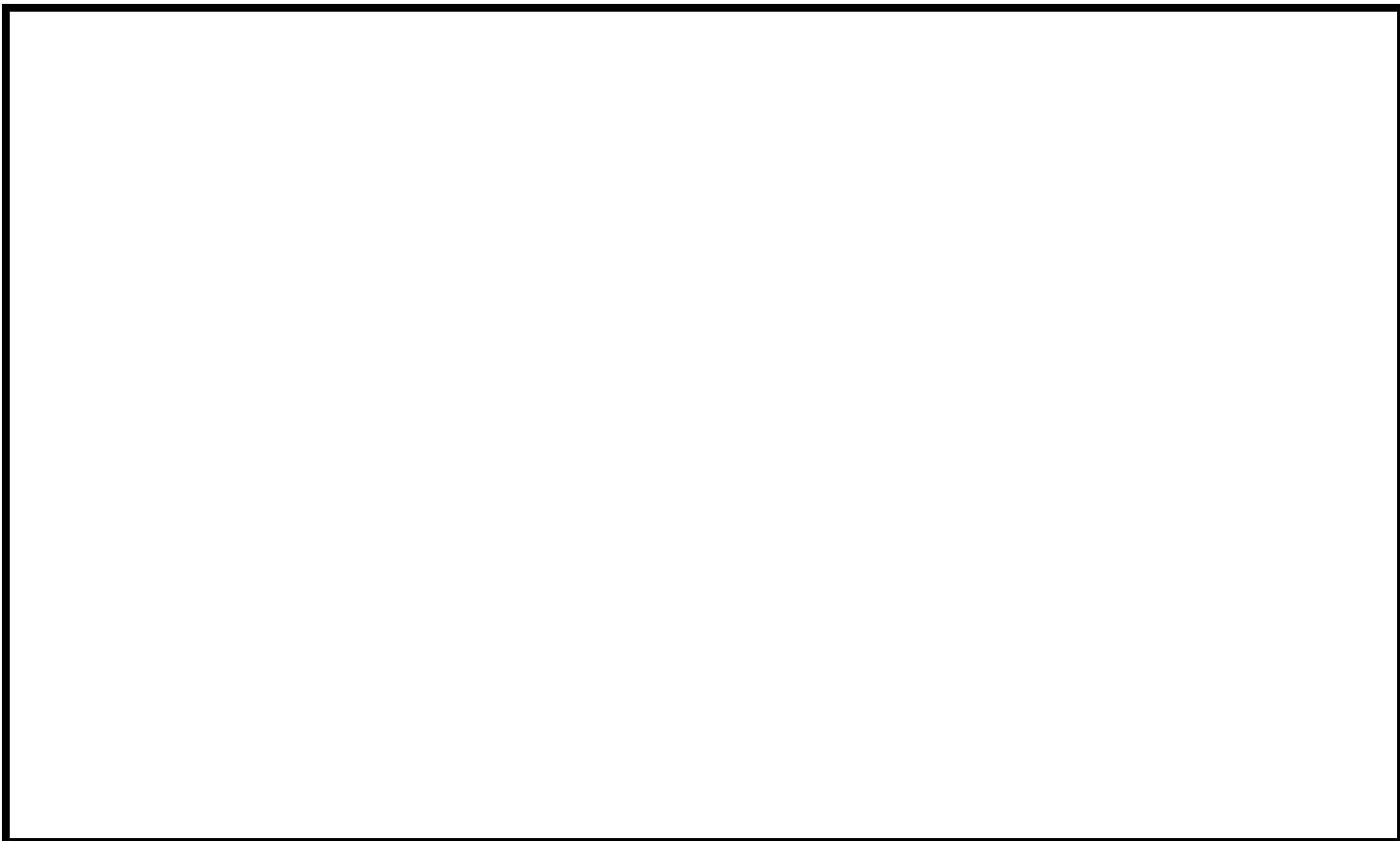
Teaching about beneficial insects and plant health; low to no use of pesticide; some gardens attracting pollinators (promoting an education of insects)

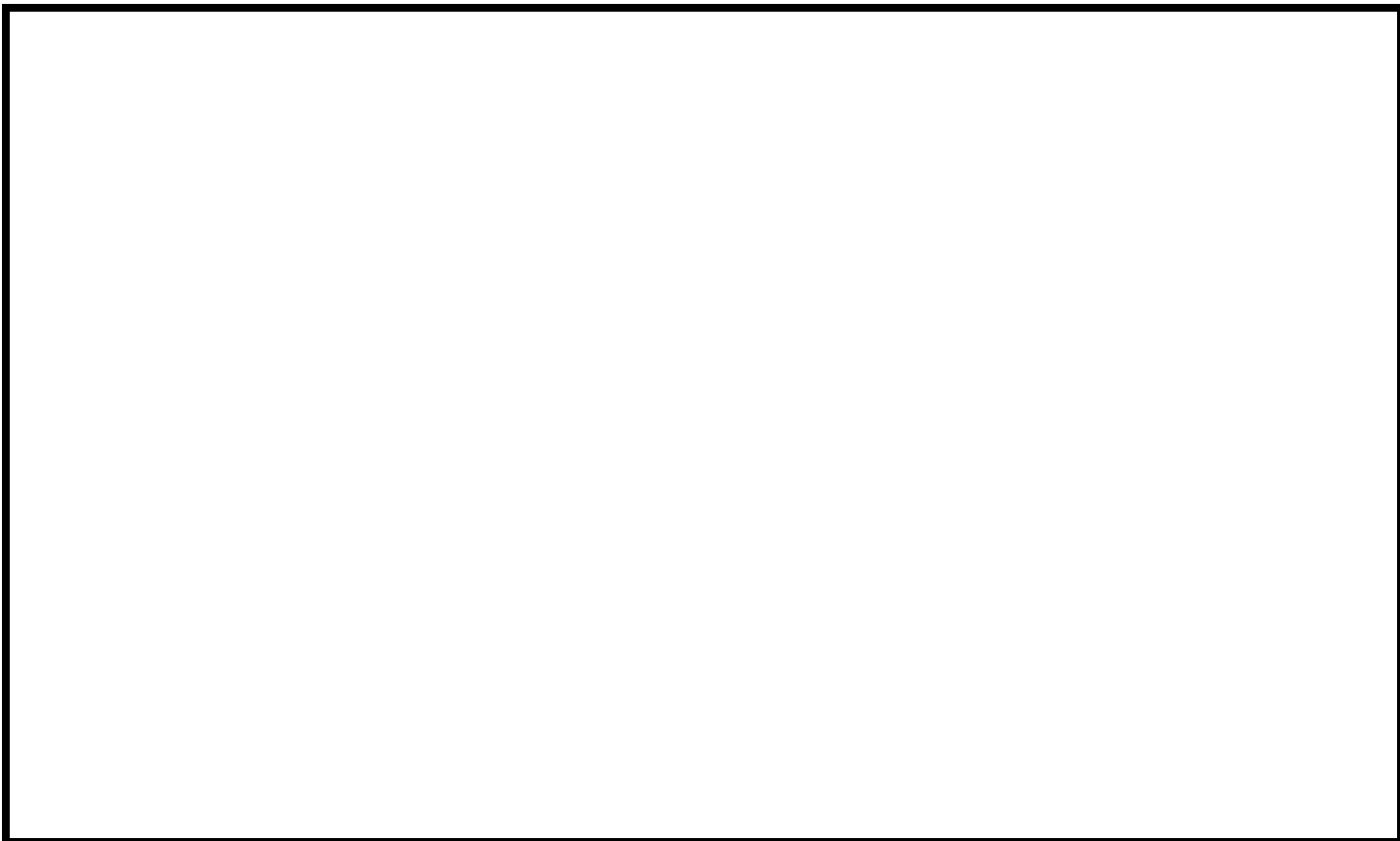
High pesticide use; “no bugs” attitude

ecosystem

**service
learning**







good

poor

okay

**standards for
department
quality**