

Amazing AIS Adaptations

Adaptation Cards

Teacher Resource (1 of 3)

<p>Type of organism Animal ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features Fins, fur, venom</p> <p>Energy/feeding Big teeth</p> <p>Reproduction Keep eggs with you</p> <p>Dispersal Swims</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features Jumper legs, spines</p> <p>Energy/feeding Traps food</p> <p>Reproduction External fertilization of eggs</p> <p>Dispersal Planktonic larvae</p>
<p>Type of organism Animal ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features Glides on slime, camouflage</p> <p>Energy/feeding Ambush predation</p> <p>Reproduction Asexual via budding</p> <p>Dispersal Carried/transported by humans</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features No limbs, eyes on stalks, toxic</p> <p>Energy/feeding Filter feeder</p> <p>Reproduction Eggs with a hard shell</p> <p>Dispersal Animal sticks to fur & feathers</p>
<p>Type of organism Plant ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features Submerged, thin curly leaves</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via flowers</p> <p>Dispersal Fragmentation</p>	<p>Type of organism Algae ●</p> <p>Habitat Lake, shoreline/littoral zone</p> <p>Physical features Colonial, microscopic</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual via cell division</p> <p>Dispersal Floating mats</p>
<p>Type of organism Animal ●</p> <p>Habitat Pond</p> <p>Physical features 6 legs, exoskeleton</p> <p>Energy/food Mucous net</p> <p>Reproduction Eggs with a hard shell</p> <p>Dispersal Can crawl over land</p>	<p>Type of organism Animal ●</p> <p>Habitat Pond</p> <p>Physical features Wings, gills, counter shading</p> <p>Energy/food Traps food with web</p> <p>Reproduction Live births</p> <p>Dispersal Wind</p>
<p>Type of organism Plant ●</p> <p>Habitat Pond</p> <p>Physical features Emergent, thorns</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via flowers</p> <p>Dispersal Bulbils/buds pop off rhizome</p>	<p>Type of organism Algae ●</p> <p>Habitat Pond</p> <p>Physical features Symbiotic (lives in a snail)</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual spores</p> <p>Dispersal Eaten by birds and excreted</p>
<p>Type of organism Animal ●</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features Crustacean, parasitic</p> <p>Energy/food Sucking tube</p> <p>Reproduction Planktonic eggs</p> <p>Dispersal Water currents</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features 4 legs, gills, spines</p> <p>Energy/food Large claws</p> <p>Reproduction Soft eggs (no shell)</p> <p>Dispersal Eggs stick to waterfowl feathers</p>



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Teacher Resource (2 of 3)

<p>Type of organism Animal</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features Flatworm, toxic</p> <p>Energy/food Filter feeder</p> <p>Reproduction Asexual via budding</p> <p>Dispersal Eaten by fish and excreted</p>	●	<p>Type of organism Animal</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features Flat body, fins, big teeth</p> <p>Energy/food Poisons prey</p> <p>Reproduction Keep eggs on body</p> <p>Dispersal Swims</p>	●
<p>Type of organism Plant</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features Rooted, grows in dense stands</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via flowers</p> <p>Dispersal Seeds stick to fur</p>	●	<p>Type of organism Plant</p> <p>Habitat Lake, bottom/benthic zone</p> <p>Physical features Grows in thick mats, slimy</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual via cell division</p> <p>Dispersal Fragments when disturbed</p>	●
<p>Type of organism Animal</p> <p>Habitat Wetland</p> <p>Physical features Sticky tongue, scales</p> <p>Energy/food Scare tactic (you choose)</p> <p>Reproduction Live births</p> <p>Dispersal Can fly</p>	●	<p>Type of organism Animal</p> <p>Habitat Wetland</p> <p>Physical features Insect, 6 legs, gills</p> <p>Energy/food Absorbs food through skin</p> <p>Reproduction Males carry eggs</p> <p>Dispersal Attaches itself to birds</p>	●
<p>Type of organism Plant</p> <p>Habitat Wetland</p> <p>Physical features Long thin leaves, dense mats</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via emergent flowers</p> <p>Dispersal Wind disperses tiny seeds</p>	●	<p>Type of organism Plant</p> <p>Habitat Wetland</p> <p>Physical features Stems w/spines, Fine leaflets</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via submerged flowers</p> <p>Dispersal Seeds with hooks</p>	●
<p>Type of organism Animal</p> <p>Habitat Slow-moving areas of a river</p> <p>Physical features Amphibian, warning coloration</p> <p>Energy/food Venom spiked tail</p> <p>Reproduction Keeps eggs on body</p> <p>Dispersal Animal sticks to fur & feathers</p>	●	<p>Type of organism Animal</p> <p>Habitat Slow-moving areas of a river</p> <p>Physical features Crustacean,</p> <p>Energy/food Filter feeder</p> <p>Reproduction External fertilization</p> <p>Dispersal Planktonic larvae</p>	●
<p>Type of organism Plant</p> <p>Habitat Slow-moving areas of a river</p> <p>Physical features Wide leaves, sticky stems</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual via flowers</p> <p>Dispersal Sticks to animals</p>	●	<p>Type of organism Plant</p> <p>Habitat Slow-moving areas of a river</p> <p>Physical features Wide leaves with sticky hairs</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual buds from roots</p> <p>Dispersal Buds float and drift</p>	●



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Teacher Resource (3 of 3)

<p>Type of organism Animal ●</p> <p>Habitat Lake, open water/limnetic zone</p> <p>Physical features Fins, scales, large mouth</p> <p>Energy/food Jumps out of water</p> <p>Reproduction External fertilization of eggs</p> <p>Dispersal Water currents</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, open water/limnetic zone</p> <p>Physical features 4 legs, hard shell, striped</p> <p>Energy/food Snapping jaw</p> <p>Reproduction Eggs with shell</p> <p>Dispersal Carried/transported by humans</p>
<p>Type of organism Planktonic phytoplankton ●</p> <p>Habitat Lake, open water/photic zone</p> <p>Physical features Forms chains, toxic</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual via cell division</p> <p>Dispersal Water currents</p>	<p>Type of organism Plant ●</p> <p>Habitat Lake, open water/photic zone</p> <p>Physical features Large flat petals, dense clusters</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Sexual flowers & asexual buds</p> <p>Dispersal Plant floats and drifts</p>
<p>Type of organism Animal ●</p> <p>Habitat Fast-moving stream</p> <p>Physical features 6 clinging legs, gills</p> <p>Energy/food Traps food</p> <p>Reproduction Egg capsules</p> <p>Dispersal Drift downstream</p>	<p>Type of organism Animal ●</p> <p>Habitat Fast-moving stream</p> <p>Physical features Fins, sucker cup mouth</p> <p>Energy/food Swallows prey whole</p> <p>Reproduction Live births</p> <p>Dispersal Swims up stream</p>
<p>Type of organism Plant ●</p> <p>Habitat Fast-moving stream</p> <p>Physical features Wide sticky leaves, red stems</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual buds from roots</p> <p>Dispersal Sticks to animals</p>	<p>Type of organism Algae ●</p> <p>Habitat Fast-moving stream</p> <p>Physical features Long stringy strands, fine spines</p> <p>Energy/food Photosynthetic</p> <p>Reproduction Asexual fragmentation</p> <p>Dispersal Fragmentation</p>
<p>Type of organism Animal ●</p> <p>Habitat Lake, deep water/aphotic zone</p> <p>Physical features Eyes on stalks, fins, big teeth</p> <p>Energy/food Scare tactic (you choose)</p> <p>Reproduction External fertilization of eggs</p> <p>Dispersal Planktonic larvae</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, deep water/aphotic zone</p> <p>Physical features Crustacean, spiny, large eyes</p> <p>Energy/food Bubble net to trap food</p> <p>Reproduction External fertilization of eggs</p> <p>Dispersal Planktonic eggs</p>
<p>Type of organism Animal ●</p> <p>Habitat Lake, deep water/aphotic zone</p> <p>Physical features Fur, fins, big teeth</p> <p>Energy/food Swallows prey whole</p> <p>Reproduction Live births</p> <p>Dispersal Swims</p>	<p>Type of organism Animal ●</p> <p>Habitat Lake, deep water/aphotic zone</p> <p>Physical features 8 legs, spotted, poisonous</p> <p>Energy/food Stuns prey</p> <p>Reproduction Eggs with no shell</p> <p>Dispersal Attaches to fish</p>



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