



Appendix C: Suggested props for macroinvertebrate adaptations

Adaptations	Use	Items Representing Adaptations for Build A Bug	Items Representing Adaptations for Make A Macroinvertebrate
Legs, claws, hooked feet, suction cups, hairs on legs	Holding on to rocks and hard substrate, scraping algae off rocks, attacking prey	Water noodle with hooks on the end	Bendaroos®, pipe cleaners
Tails	Swimming and maneuvering	Garland or rope	Bendaroos®, pipe cleaners
Compound Eyes	Help insect detect motion	Sunglasses with googly eyes glued on	Googly eyes (various sizes)
Hairs on head or body	Help detect movement or chemical changes in water	Wig or furry hat	Puff balls, feathers
Antennae	Sensing food, water, surroundings	Store bought or homemade antennae	Bendaroos®, pipe cleaners
Gills	Breathing dissolved oxygen in the water	Feather boa	Bendaroos®, feathers
Air bubble	Breathing oxygen from the surface air	Balloon	Plastic necklace pop-beads, bouncy ball, beads
Breathing tube	Breathing oxygen from the surface air	Straw	Straws
Specialized mouth parts	For scraping, piercing, shredding, etc. The mouth parts reflect food choices of the insect	Vampire teeth	Toothpicks
Device for catching food, i.e. net (made by the insect or part of their body structure) or special hairs	Catching food in the current	Fishing net	Fabric netting and toothpicks, feathers