Make one set of business size cards for each small student group. If you make each group of cards a different color, it will be easier to separate mixed up groups. If you want to reuse the cards over the school day or in multiple years consider using card stock. Macro-invertebrates are cards 1-16, other organisms are cards 17-26, and cards for the optional size activity are 27-33.

Make one set of 4"x4" classroom cards for use on the printed or projected posters. Consider using magnetic paper (e.g. Avery® Magnet Sheets 3270, 8-1/2" x 11", White, Pack of 5) to make board work easier.
1. Stoneflies (Order Plecoptera)
2. Dragonflies and Damselflies (Order Odonata)
3. Mayflies (Order Ephemeroptera)
4. Water Beetles (Order Coleoptera)
5. True Flies (Order Diptera; adult has 6 legs)
6. Crane Flies (Order Diptera; adult has 6 legs)
7. Dobsonflies and Alderflies (Order Megaloptera)
8. Caddisflies (Order Tricoptera)
9. Scuds (Order Amphipoda)
10. Sowbugs (Order Isopoda)
11. Crayfish (Order Decapoda)
12. Snails (Class Gastropoda)
Clams and Mussels
(Class Bivalvia)

Leeches
(Subclass Hirudinea)

Aquatic Earthworms
(Subclass Oligochaeta)

Planaria
(Class Turbellaria)

Pond Scum
(Filamentous Green Algae)

Paramecium

Amoeba

Bacteria

White Pine Tree

Oak Tree

Oak Leaf

Fungus
Salamander

Trout

Forest

Water Molecule

Nitrate

Oxygen

Phosphate

Plant Cells

Animal Cells
Stoneflies (Order Plecoptera)

Dragonflies and Damselflies (Order Odonata)

Water Beetles (Order Coleoptera)

True Flies (Order Diptera; adult has 6 legs)
Dobsonflies and Alderflies (Order Megaloptera)

Caddisflies (Order Tricoptera)

Sowbugs (Order Isopoda)

Crayfish (Order Decapoda)
Mayflies (Order Ephemeroptera)

Scuds (Order Amphipoda)

Crane Flies (Order Diptera; adult has 6 legs)

Snails (Class Gastropoda)
Clams and Mussels  
(Class Bivalvia)

Leeches  
(Subclass Hirudinea)

Planaria  
(Class Turbellaria)

Pond Scum  
(Filamentous Green Algae)
Aquatic Earthworms (Subclass Oligochaeta)

Paramecium

Nucleus

White Pine Tree

Fungus
Forest

Phosphate

Oxygen

Plant Cells