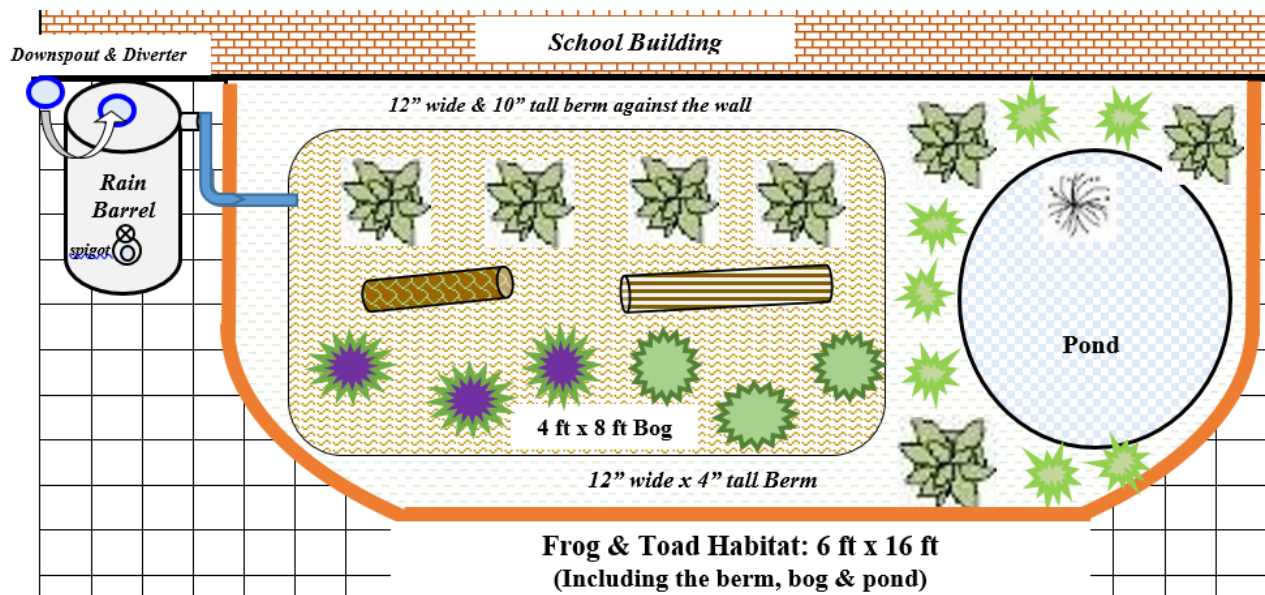


# Materials Budget for Small Frog & Toad Habitat

## Example Small Frog and Toad Habitat 4 ft x 8 ft



### Required Habitat Materials, Signage & Plants

- (1) Can of White Water-based Marking Paint (for laying out bog and pond)
- (35) 11-in L x 4-in H x 6-in D Retaining Wall Blocks (trapezoid-shaped to create border around berm and 2 steps in pond)  
...OR... part of (1) ton stackable, flat natural stone
- (1) 10-ft x 7-ft (200-Gallon) Black PVC Pond Liner (~14.5 mil thick)
- (1) 3/8-in x 25-ft Kink Free Rubber Black Soaker Hose
- (1) 3 CF Bag of Sphagnum Peat Moss Organic Moisture Control (1 bag expands to 6 CF)
- (18) .5 CF/50 Lb Bags of All-purpose Sand
- (4) 32-Quart (1CF) Bags of Organic Potting Soil Mix
- (7) 1 CF/32 Qt Bags of Organic Top Soil
- (1) 1 CF Bags of Organic Compost and Manure
- (4) 2 CF Bag of Organic Drainage and Aeration Soil Conditioner
- (1) Bale of Pine Straw (to spread around bog after planting)
- (13) Wildflowers (2 species, 3 plants each – in bog; 1 species, 7 plants – for groundcover around pond)
- (7) Ferns (4 inside bog, 3 around pond)
- (1) Aquatic Plant
- (1) 3.91-ft diameter x 12" deep (64 gal) High Density Polyethylene Pre-formed Pond  
...OR...  
(1) 2.16 ft diameter (9 gal) High Density Polyethylene Pre-formed Pond
- (2) .5 CF Bag of 1" 0.5-cu ft River Rock Gravel
- (1) 5/8-in x 6-ft Hose (to connect spigot or rain barrel to soaker hose)
- (1) Educational Sign (for the life cycle of frogs)

(1) 6 ft. U-Post for Fence <i>(for educational sign)</i>
(2) 1/4-in x 1-1/2-in Zinc-Plated Coarse Thread Hex Bolt
(2) 1/4-in x 20 Zinc-Plated Steel Hex Nut
(2) 1/4-in Zinc-plated Standard Flat Washer
(5) Plant ID Signs <i>(one for each plant species)</i>
(5) Biomarkers to hold Plant ID signs
(1) Bottle of Waterproof, Quick Dry, Multipurpose Adhesive <i>(to attach Plant ID signs to stakes)</i>
<b>Estimated Total Cost for Habitat Bog and Pond Materials</b> <i>(with signage &amp; plants):</i> <b>\$970-985</b>

<b>Additional *Optional* Habitat Materials, Signage &amp; Plants</b>
(1) Pond Spitter Decoration and Pond Aerator
(1) Low Water Shut-off 80-GPH Submersible Fountain Pump <i>*needed if you buy pond aerator*</i>
(1) Clear Vinyl Tubing <i>(tubing diameter will depend on pump and aerator selected x 10 ft) (to connect pump to spitter) *needed if you buy pond aerator and pump*</i>
(1) 50-gallon Flat Back Rain Barrel <i>*if you do not have a spigot near the bog, you will need a rain barrel to help slow flow of rain water and store water for future watering</i>
(1) Rain Barrel Stand <i>*optional – helps elevate spigot to increase water flow out of barrel and allow for room for buckets to catch water coming out of barrel</i>
(1) EarthMinded FlexiFit Universal Diverter System <i>*needed if you are connecting rain barrel to downspout* (to divert downspout water into rain barrel or to the hose that links to the buried soaker hose)</i>
<b>Bush(es) to plant nearby/ in front of downspout if it's open-ended</b>
1 CF/32 Qt Bags of Evergreen Organic Top Soil <i>(to mix with current soil and other amendments if you get bushes – 1 bag per bush)</i>
1 CF Bags of Evergreen Organic Compost & Manure <i>(to mix with current soil and other amendments – ¼ bag per bush)</i>
2 CF Bags of Evergreen Organic Drainage and Aeration Soil Conditioner <i>(to mix with current soil and other amendments – ¼ bag per bush)</i>
Plant ID Signs <i>(one for each plant species)</i>
Biomarkers to hold Plant ID signs
Outdoor Waterproof Solar Lights <i>(to place around the habitat to attract bugs)</i>

