



Atlantic Salmon Federation
Fédération du Saumon Atlantique

Fish Friends Program Equipment:*

- 10-20 gallon **aquarium**¹ (available at most pet stores): \$10-60
- A **Chiller** unit to maintain a 1.5 degree C temperature in the aquarium (available from Glacier Corp (714) 557-2826: <https://glaciercorp.com/marine-refrigeration/>): ~\$1130
- One 4'x 8' sheet 1/2" **thickness foil-covered insulation** to “hug” the tank: \$15-25
- A **water circulation and dual carbon filtration** system (available here: <https://www.chewy.com/marineland-bio-wheel-penguin-power/dp/133101>): ~\$20
 - o **Filters** will need to be replaced every couple seasons and washed every season (here’s an example—it depends on the exact system a school has: <https://www.chewy.com/marineland-bio-wheel-penguin-rite/dp/126011>): ~\$7
- An **air pump** to oxygenate the aquarium water: ~\$13
- Delivery tubing and scoop or length of hose to empty tank with
- An **air stone**”**bubbler bar**” to increase oxygen, reduce icing: ~\$10
- A **turkey baster** to remove dead eggs: <\$5
- Clear **cups** to scoop and view eggs and alevin up close: <\$5
- A submersible digital **thermometer** (even if the chiller has one built-in): ~\$7
- Aquarium **nets**: <\$5
- Utility **bucket** with lid for fish transport: <\$5
- Heavy-duty **table** to support 250 lb system weight
- Grounded, high gauge **extension cord**
- **Field trip bus and driver funding** for spring fry release (school or district-specific cost)

Not all schools use everything on this list; individual set-ups vary. Some equipment can be purchased locally for a smaller cost. **Total cost for setup: ~\$1300.*

¹ Mentors have found that the 10-gallon tanks are more convenient for classrooms, so they recommend new schools get the smaller tanks as long as they can get a compatible chiller. The older chillers are bigger and require bigger tanks.