

AQUARIUM WORLD

11. WEEK: CLEANING AN AQUARIUM, MAIN PRINCIPLES

WEEKLY TOPICS (CONTENT)

- 1. Week Why there is an interest on aquarium? Introduction and motivation
- 2. Week Aquarium world: To be a fish
- 3. Week Aquarium world: Biodiversity
- 4. Week Popular aquarium invertebrates
- 5. Week Popular aquarium fishes: Freshwater and brackish-water species
- 6. Week Popular aquarium fish: Marine species
- 7. Week Public aquariums: Aquarium world
- 8. Week Personal hobby aquarium: Aquarium world.
- 9. Week Species selection
- 10. Week World aquarium sector
- 11. Week Cleaning an aquarium, main principles
- 12. Week Education: Aquarium world
- 13. Week General evaluation and discussion: About species exhibited in public aquariums
- 14. Week How to keep an aquarium fish healthy

How to Clean an Aquarium

What You Will Need

- Siphon and gravel vacuum
- Clean bucket or large bowl
- Algae scraper

<http://www.howtocleanstuff.net/how-to-clean-an-aquarium/>

Preparation

1. Scrub the sides of the tank
2. Siphon out some of the water
3. Sort through the rocks, sand or gravel at the bottom of the tank
4. Clean plants, ships, treasure chests, etc.
5. Add the new water

Wash the filter

Keeping your fish tank clean

THE AQUARIUM CLEANING GUIDE

Aquarium Cleaning tools to keep in mind

Glass cleaner



Step 1	Unplug your equipment such as heaters, filters, lights, or CO2 system.
Step2	Remove fish and artificial plants by placing them in a container with the old aquarium water.
Step3	Once the tank is empty, use an algae scraper, sponge, or magnet to clean the glass of your aquarium.
Step4	Take your internal equipment such as your pump, tubing, and artificial plants to the sink. Clean all components gently with soap and water and be sure to rinse thoroughly.

<https://www.theaquariumguide.com/articles/the-aquarium-cleaning-guide>

Step5	Using a siphon and hose gravel cleaner system, push the nozzle all the way to the bottom of the tank and leave it there. Debris and other waste will rise into the siphon; continue this until the water starts to clear or you have cleaned all of the gravel floor sections. Remember to not remove more than 40% of the water in the tank.
Step6	Take the temperature of your tank and collect water at the same temperature before refilling your aquarium.
Step7	Replace your plants and fish.
Step8	Reinstall your equipment.

<https://www.theaquariumguide.com/articles/the-aquarium-cleaning-guide>

References

Celik, I., Yilmaz, S., Celik, P., Saygi, H., Onal, U., & Bashan, T. (2010). The general profile of aquarium sector in Istanbul (Turkey). *Journal of Animal and Veterinary Advances*, 9(23), 2973-2978.

Shafir, S., & Rinkevich, B. (2008). Mariculture of coral colonies for the public aquarium sector. *Public aquarium husbandry series*, 2, 315-318.

Plusty, M. (2002). The benefits and risks of aquacultural production for the aquarium trade. *Aquaculture*, 205(3-4), 203-219.

Chan, T. T., & Sadovy, Y. (2000). Profile of the marine aquarium fish trade in Hong Kong. *Aquarium Sciences and Conservation*, 2(4), 197-213.

Holthus, P. (1999). The Marine Aquarium Council, certifying quality and sustainability in the marine aquarium industry. *SPC Live Reef Fish Information Bulletin*, 5, 34-35.

Plusty, M. (2002). The benefits and risks of aquacultural production for the aquarium trade. *Aquaculture*, 205(3-4), 203-219.

Strecker, A. L., Campbell, P. M., & Olden, J. D. (2011). The aquarium trade as an invasion pathway in the Pacific Northwest. *Fisheries*, 36(2), 74-85.