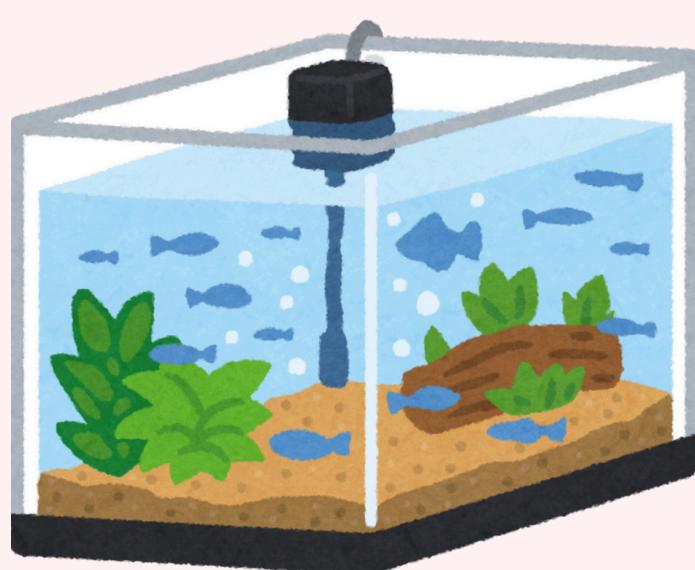


THIS  
BOOKLET IS  
ALL YOU  
NEED TO  
START  
YOUR  
AQUARIUM!

# Getting Started: Your First Steps to a Beautiful Aquarium

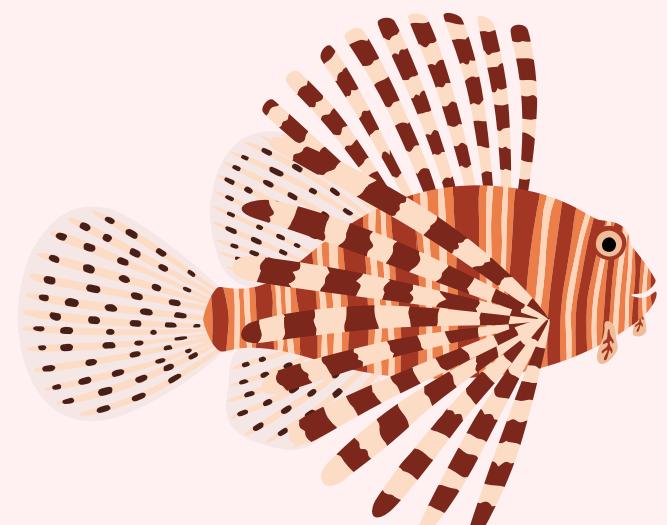


## Choosing the Right Tank & Stand



- ✓ A bigger tank is easier to maintain, start with at least 2 feet (60 cm).
- ✓ Water is heavy! A 100L tank = 100+ kg. Use a strong stand to avoid accidents.

## Lighting – More Than Just Looks!



- ✓ Planted Tanks? Need bright, full-spectrum lights.
- ✓ Fish-Only Tanks? Soft LED lighting works fine.
- ✓ Turn OFF lights at night—fish need rest too!

## Water Quality – Clean Water, Happy Fish!

- ✓ Tap water has chlorine—always use a dechlorinator.
- ✓ TDS matters! Soft water for delicate fish, hard water for cichlids.
- ✓ TDS can be checked with TDS meter.

TDS – Total dissolved solids like Calcium, Magnesium, in simple terms these are form of salts. Always try to keep your TDS less than 300 mg/Liter or ppm.

If TDS more than 300ppm, use the following options;

- Permanently fix water softener, because TDS above 300 not good for hair wash too
- Use RO water, mix with regular water if TDS not so high
- Bubble top water can also be added



# Filtration – The Silent Hero of Your Aquarium

ZOLYT



## Why Do You Need a Filter?

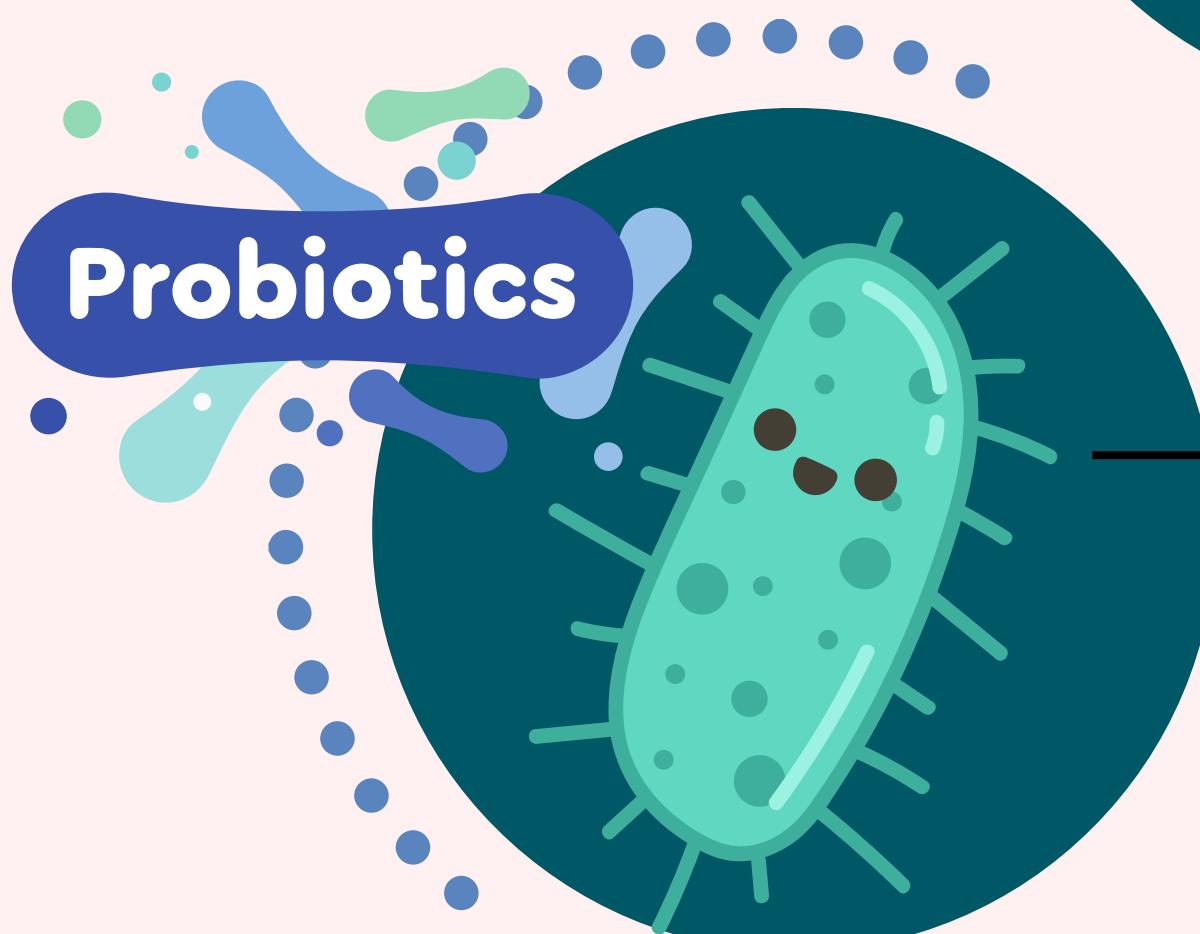
Let's break down the basic science



## Ammonia Formation

Fish waste + Excess food = Ammonia

Ammonia is a toxic killer to Fish



## Nitrogen Cycle

Good bacteria used to grow in minute pores of filter.

This bacteria plays major role in fight against ammonia.

## Fish Friend - Nitrate

Fish waste → Ammonia (toxic!)

Ammonia (toxic!) → Nitrite (toxic!)

Nitrite (toxic!) → Nitrate (safe)



# What is inside the filter



## CHEMICAL FILTER

- Removes dissolved impurities
- ✓ Helps remove toxins, odors, or discoloration.
- ✓ Not required in all tanks but useful in specific cases.
- ✓ Needs replacement over time as media loses effectiveness.



## ADDITIONAL FILTER - UV LIGHT

- ✓ Killing bacteria & parasites – Helps prevent diseases.
- ✓ Controlling algae – Reduces green water problems.
- ✓ Clarifying water – Removes cloudiness caused by free-floating microorganisms.

1

2

3

4



## MECHANICAL FILTER

- Removes physical debris
- ✓ Uses sponges, filter pads, or filter floss.
- ✓ Traps fish waste, uneaten food, and dirt.
- ✓ Needs regular cleaning to avoid clogging.



## BIOLOGICAL FILTER

- Breaks down toxic waste
- ✓ Uses beneficial bacteria to process ammonia → nitrite → nitrate.
- ✓ Essential for every aquarium (supports the nitrogen cycle).
- ✓ Needs porous media for bacteria to grow.

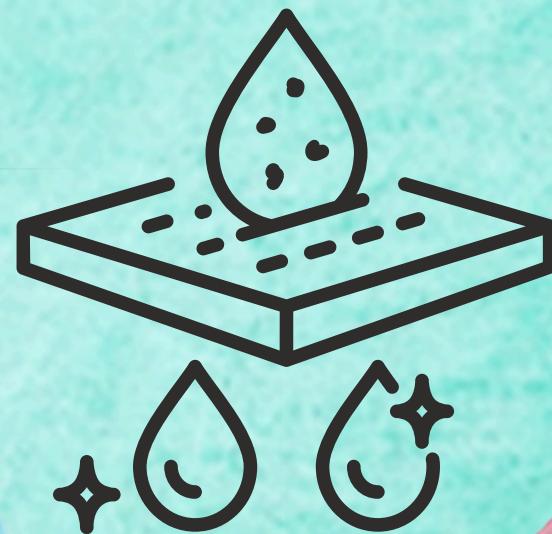


Heart of  
Aquarium  
It's Filter!

# TYPES OF FILTER



**Top Filter, Power Filter** - For medium sized tanks



**Hang-on-Back (HOB) Filter** - Best for planted fish tanks.



**Sponge Filter** - For small tanks, bettas, shrimps.



**Canister Filter** - Powerful, great for large tanks & monster fish.



**Sump Filter** - Custom setups, high efficiency.



# ADDING OF FISHES IN NEW TANK

1

## NITROGEN CYCLE

Cycle your tank before adding fishes. Without this process, your fish will suffer & die.

2

## GROW GOOD BACTERIA

Old tank water / probiotics? 2 days is enough!

New setup? Run the filter for 2-4 weeks before adding fish.

3

## BUYING THE FISHES

Choose active, bright-colored fish—no clamped fins or white spots.

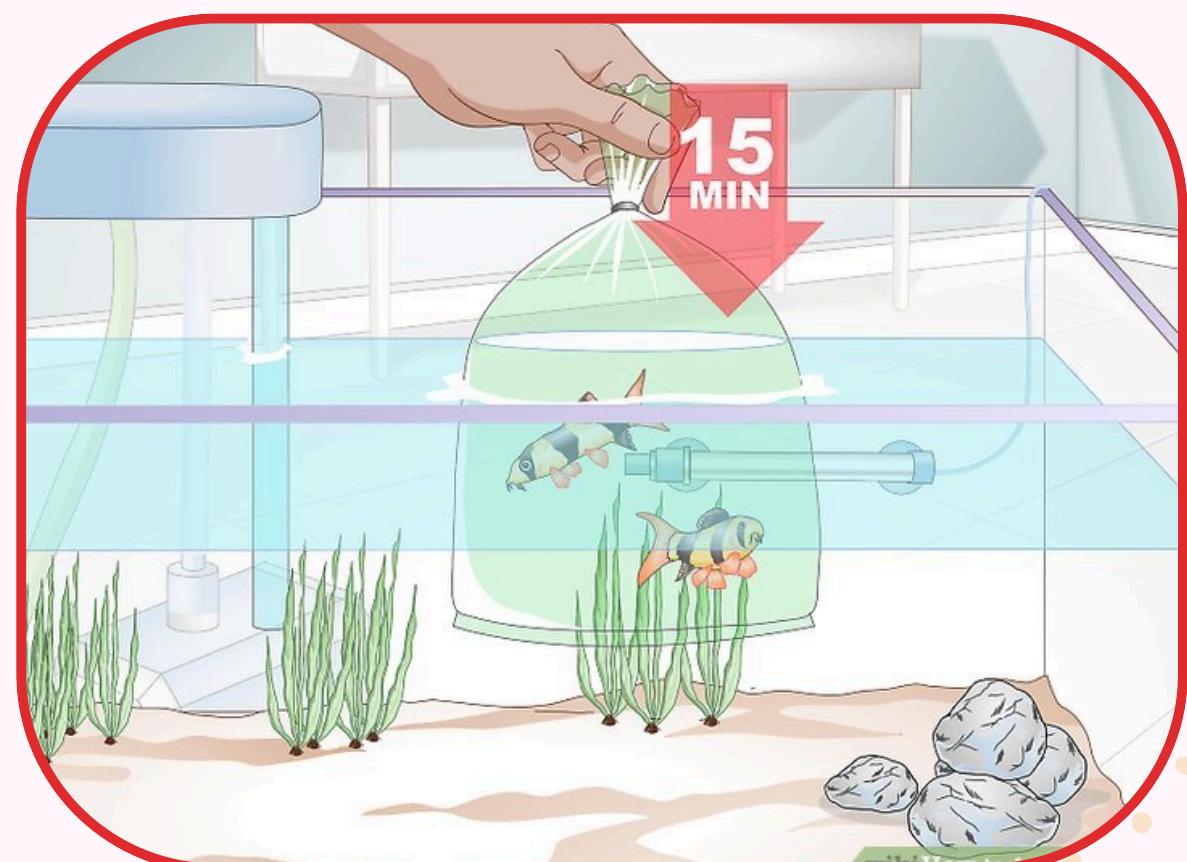
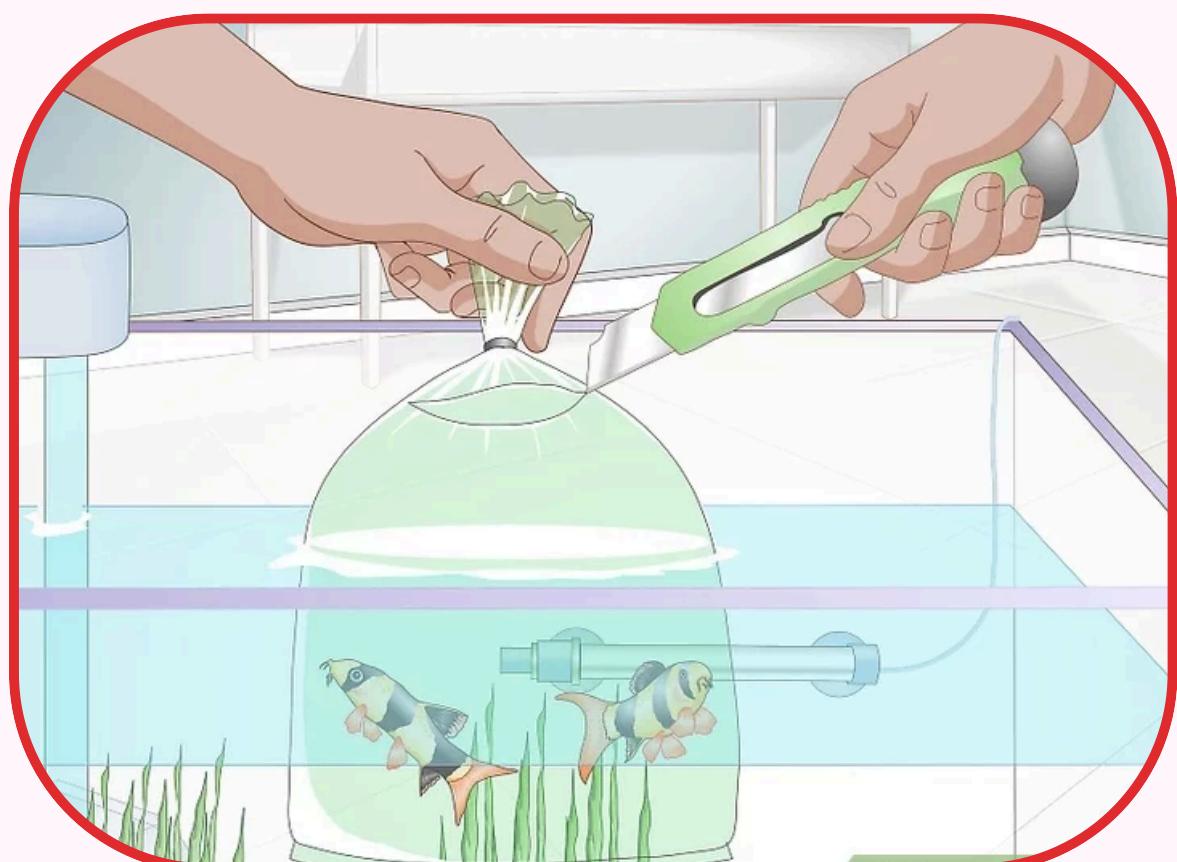
4

## ACCLIMATIZATION

Float the bag in the tank for 15-20 minutes.

Add small amounts of tank water into the bag every 5-10 minutes.

Slowly add fishes after 30minutes.



# Daily Activity

## Feeding

Feed only what fish can eat in 2-3 minutes.

Overfeeding = Cloudy water & fish diseases.

## Aquarium Maintenance

### Daily Tasks

- ✓ Check fish activity & breathing.
- ✓ Wipe salt deposits off glass.

### Water Changes - The Right Way!

- ✓ Change % of water every 2-4 weeks – never 100% (fish hate sudden changes!).
- ✓ Use dechlorinator for tap water before adding it back.
- ✓ Cold areas (below 20°C)? Use a heater, especially in winter.

## Going on Vacation? No Worries!

Most fish can survive 1 week without food!

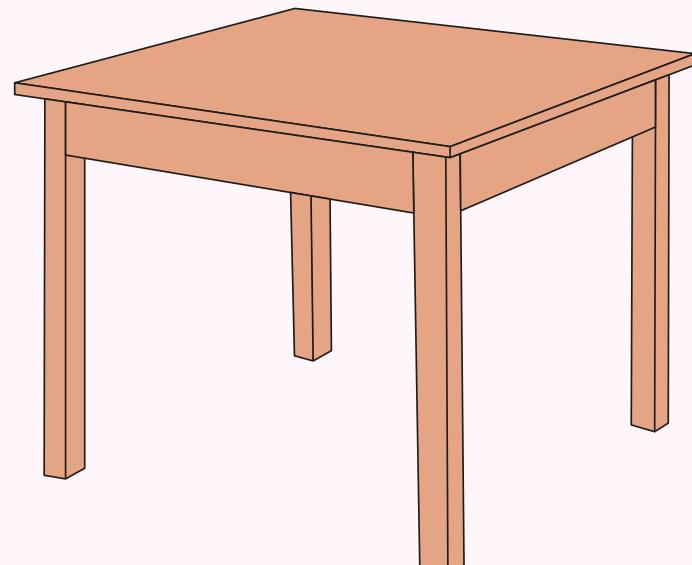
Long trip? Your options:

- ✓ Use vacation feeders under expert advice.
- ✓ Ask a trusted aquarium shop to care for your tank.
- ✓ Automatic feeders can help, but test them before leaving!



# The Ultimate Checklist Before You Start!

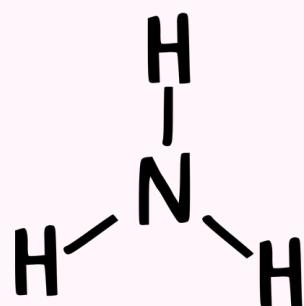
#1



Tank & Stand – Right size, sturdy build.

#2

Ammonia  
(NH<sub>3</sub>)



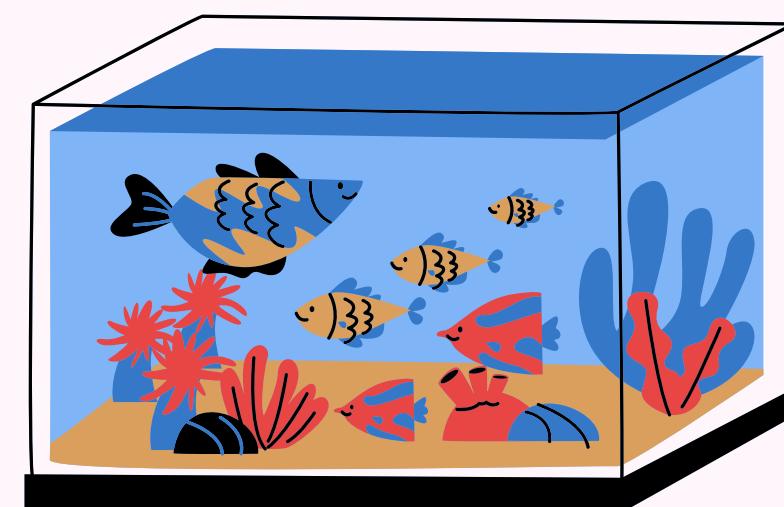
Filter & Aeration – Running for at least 2 days (old water) or 2-4 weeks (new setup).

#3



Lighting – 6-8 hours a day, no overnight lights.

#4



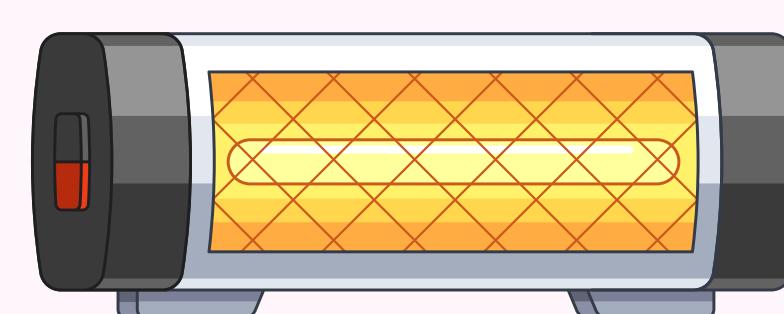
Substrate & Décor – Choose what's best for your fish.

#5



Water Treatment – Dechlorinate before adding fish.

#6



Heater (if needed) – For colder regions.

Just Buy – ZOLYT Will Handle Everything for You!  
From Setup to Maintenance, We've Got You Covered!