Chapter 7

Importance of water

Class – 5

(20.07.20 to 24.07.20)

Water is essential for the existence and survival of

- Plants
- Birds
- Animal
- Human beings

We drink only A TINY AMOUNT of the water that is treated for our use.

Here's how we use it at home:

WATERING LAWNS

FLUSHING TOILETS

SHOWERS & BATHS

LAUNDRY & DISHES

LOST BY LEAKS

DRINKING

IMPORTANCE OF WATER FOR ANIMALS

❑All animals drink water. This helps them in digesting their food.

❑The nutrients present in food get dissolved in water and this helps their bodies to absorb the nutrients.

❑The animal body also produces waste materials. Some of these wastes get dissolved and are excreted in the form of urine and sweat.

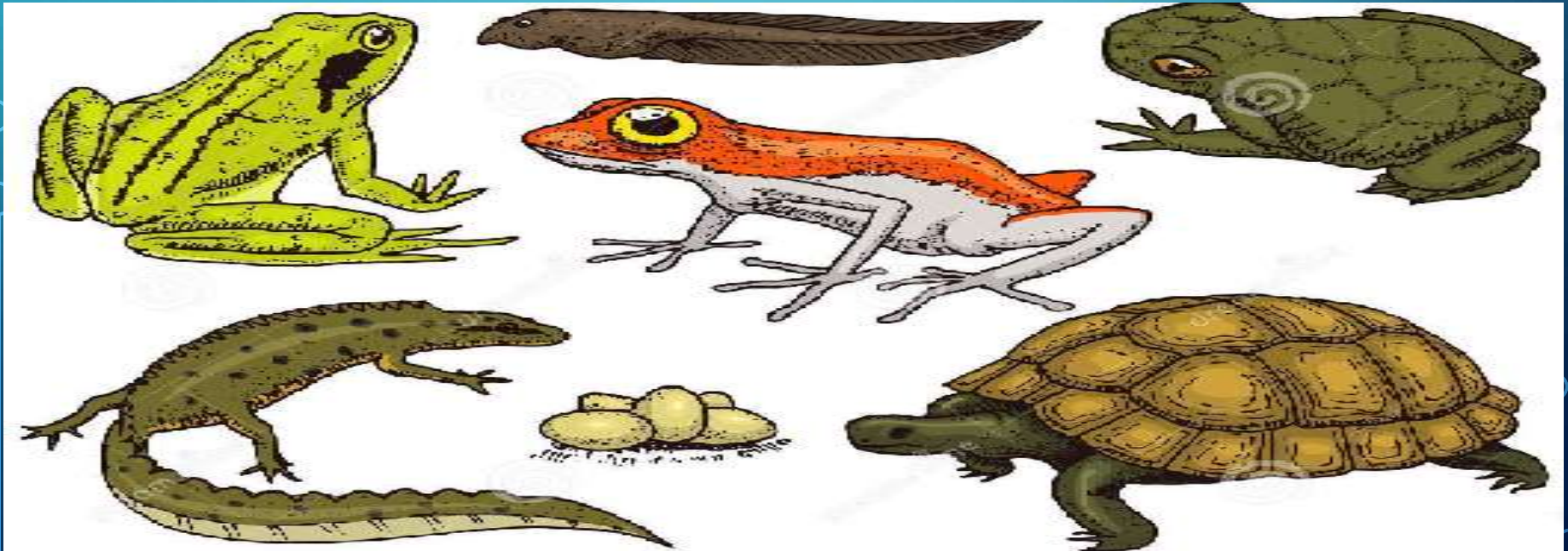# Aquatic animals

Animals living in water are called aquatic animals

Amphibious animals

Animals that can live both in water and land are called amphibious animals

IMPORTANCE OF WATER FOR PLANTS

❑Plants require various nutrients for their proper growth.

❑These nutrients get dissolved in water present in the soil.

❑Plants absorb water from the soil with the help of their roots.

❑This water, then, transports these nutrients to various parts of the plant.

❑Plants also use water for preparing their own food by the process of photosynthesis.

❑Plants require water for germination of seeds.

Aquatic plants

Plants which grow in water bodies are called aquatic plants

| NYMPHAEA | WATER LILLY | LOTUS / NELUMBO |
| VALLISNERIA | TRAPA | HYDRILLA |

Water availability in nature

About 97% of water is present in seas and oceans and remaining 3% present in rivers, ponds, lakes, streams and glaciers.

Ground Water

A small part of water, from earth's surface, seeps into the ground and gets trapped between underground rocks.

Ways of drawing out ground water

stepwell

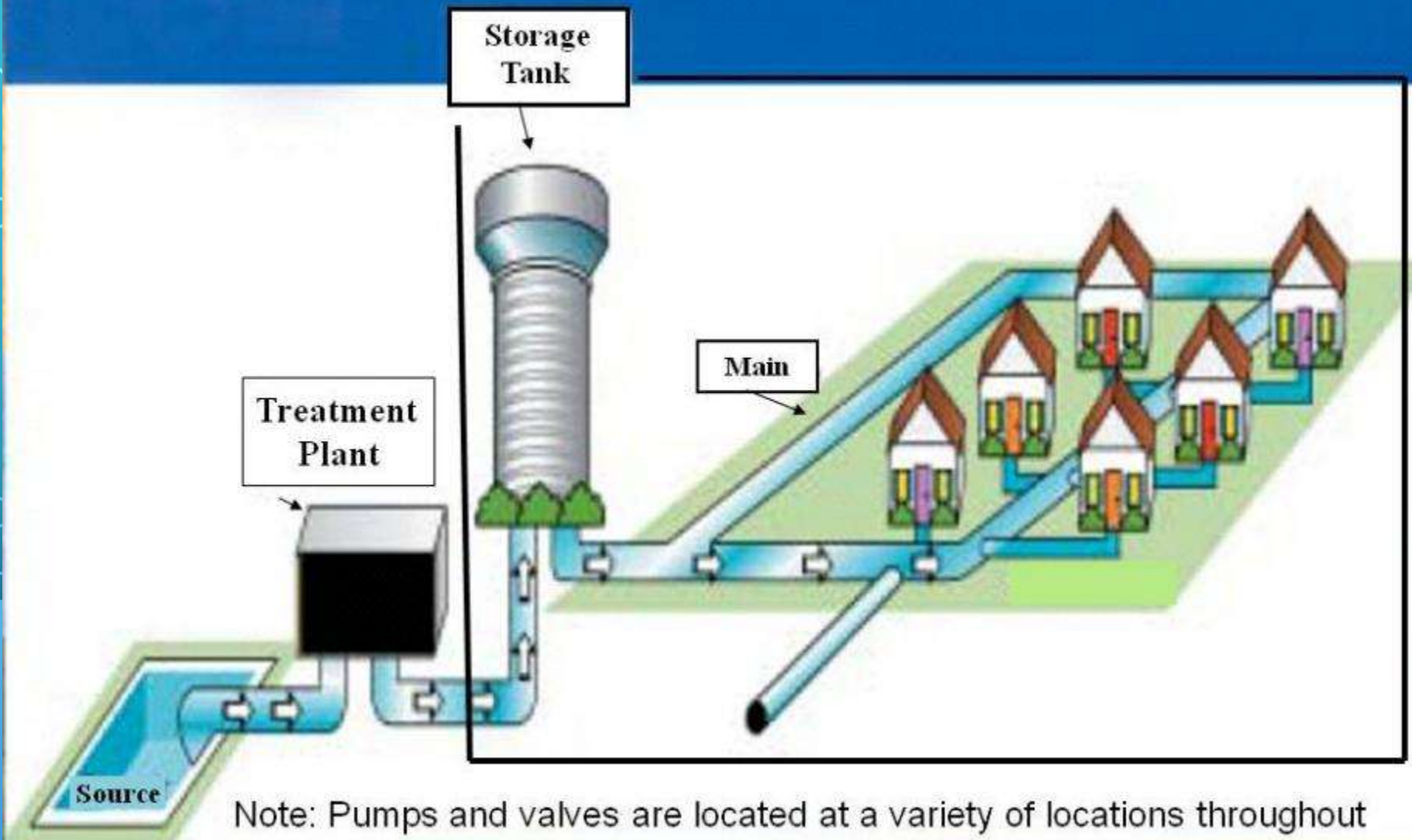A stepwell is a well having steps on all the sides

water wheel or *Rehat*

A Well

Water Supply

Purified river or ground water sent to homes and offices through a network of pumps and pipes.

Water Supply Distribution System

Note: Pumps and valves are located at a variety of locations throughout the distribution system.

THANKS