

Aquaponics Koi Pond Collage

Create your own aquaponics collage where fish and plants cooperate.

In aquaponics, plants and fish cooperate. Plants keep the water clean for fish, and the fish make waste to fertilize the plants.

Materials

Construction paper
Scissors
Glue stick or tape
Collage materials:
Tissue paper
Foil
Magazine cutouts

Instructions

1. Draw a large oval on paper, or cut large oval shape to make your “pond”.
2. Use green or blue paper or crayons to make the water.
3. Use red and orange for the koi fish and green/other colors for the plants.
4. Cut out your plants and koi fish.
5. With foil, make fish scales.
6. Glue or tape your plant and koi fish cutouts to the oval you’ve drawn or cut.
7. Make sure there are enough plants to support the fish, and enough fish to support the plants!
8. Now you have a beautiful example of a koi pond you can hang up at home!
9. Can you explain aquaponics to a friend?

Go Further

In a koi pond, the plants float on top of the water, and they are kept fertilized by the fish swimming in the pond. The fish find shade and a place to lay eggs underneath the plants. The koi and plants work in harmony to keep each other healthy—they cooperate!

Who do you cooperate with every day?
How do you help one another?

Share a photo of your koi pond collage!
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