

Hatching Trout in the Classroom...



A detailed illustration of a rainbow trout swimming in a stream. The trout is positioned in the center-right of the frame, facing left. It has a brownish-grey upper body with numerous dark spots, a vibrant red lateral stripe, and a pinkish-red head. The stream bed is covered with smooth, rounded grey and blue-grey gravel. In the background, there are large, dark, mossy rocks. The water is clear, and the lighting is soft, creating a dim atmosphere.

Trout Eggs Require:


- Cool, oxygenated and moving water
- Smooth gravel
- Dim lighting

A detailed photograph of a rainbow trout swimming in a stream. The fish is positioned in the upper right quadrant, facing left. It has a brownish-grey back with numerous dark spots, a vibrant red lateral stripe, and a pinkish-red head. The stream bed is covered with smooth, rounded grey and blue-grey gravel. In the background, larger dark rocks and some green moss are visible. The water is clear, and the lighting is soft, creating a naturalistic scene.

Trout Eggs Require:

- Cool, oxygenated and moving water
- Smooth gravel
- Dim lighting

All of these occur naturally in streams



Parts of this stream habitat will need
to be recreated in the classroom.



Photo: Margaret Lewis



Gravel and Rocks: provide protection



Water Pump: circulates and oxygenates the water



Chiller: cools the water



Foam Cover: maintains temperature and controls light

After the Aquarium is set up and running, we will be bringing in some fertilized eggs. The young trout can be seen inside the eggs. Look for the dark spots, these are the trout's eyes.



The eggs will be placed in the gravel at the bottom of the aquarium.



Alevins

When the eggs hatch, the baby trout are called alevins. They have their yolk sac still attached.



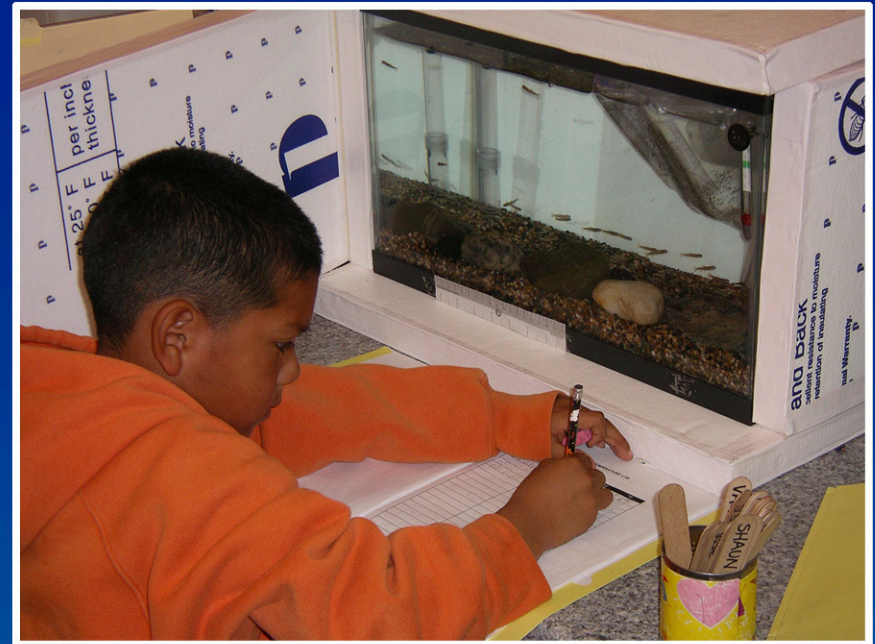
Fry

When the yolk sac is absorbed the young trout are called fry. At this stage we will release them into a lake.



Raising the trout

We will spend several weeks taking care of the fish. We will keep track of the conditions in the aquarium and talk about what is happening to the fish.





Finally, the day will come
when we can release the
fry into a local lake,
where they will grow
into adult trout.



Trout in the Classroom

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Courtesy of

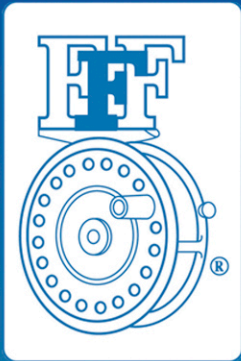


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