

Shad in the Classroom Checklist

At least one week before shad egg arrival:

- Review the “*Timeline for Shad Eggs and Fry*” sheet to see when your shad eggs might arrive and when you should prepare your tank.
- Use “*Step by Step Setup Instructions*,” the “*Shad Tank Assembly Manual*,” and “*The Tank Part 1: Build the Tank*” video to properly set up your tank at least one week before anticipated egg arrival date.
- Get 5 to 10 2-liter soda bottles, clean, fill with water, and freeze to have ready for your tank.
- Refer to “*Daily Responsibilities*” sheet and have students begin monitoring water quality twice daily at least one week before anticipated egg arrival date. Have students record data on “*Water Quality Targets and Daily Log*” sheet. Use 2-liter bottles of ice to maintain target temperature.
- Have a 5 gallon bucket of de-chlorinated water on hand for any additions to tank.
- Refer to “*Tank Troubleshooting Guide*” sheet in case of problems.
- Remember to check your email for communication regarding egg arrival and tank adjustments.

REMEMBER: Add all chemicals and 2-liter bottles of ice to lower reservoir.

Shad week:

- Monday morning of egg arrival day, add Dr. Tim’s One and Only Bacteria Starter to tank.
- Refer to “*How to Add Shad Eggs to Your Tank*” sheet and “*The Tank Part 2: Adding the Eggs*” video to prepare to properly add eggs to your shad tank.
- Refer to “*Sorting the Eggs*” sheet and have students remove dead eggs from the tank one to two times per day.
- Continue to have students monitor water quality twice a day.
- Let Melissa know details of your fry release plan – she or another biologist may attend.
- Refer to “*Releasing the Fry*” sheet and “*It is Time*” video to prepare for the release of your fry.
- Remember to check your email for communication regarding tank adjustments, release details, and other information.

Wrap up:

- Inventory your tank using the “*Tank Parts List*” to make sure you keep all the pieces and accessories for the program together.
- Refer to “*Storing the Tank*” handout for proper tank storage procedures.
- Fill in the “*Shad Tank Label*” and attach to your tank when you store it.
- Report number of eggs received and fry released to Melissa; report location of release.
- Fill out evaluation form (will be emailed to you).
- Let Melissa know if you would like to participate in the program again next year.
- Remember to check your email for communication regarding the future of the Shad in the Classroom program.