Dear students, Thank you for working with your teacher and classmates to monitor and restore the health of the Chicago River. As an Adopt A River School, you are an important partner with Friends of the Chicago River. "Friends" is an organization that works to improve and protect the Chicago River system for people, plants, and animals. We believe that one of the best ways to ensure the future health of the river is to work with the young people who will be future conservation leaders.

* 1. What grade are you in?
   - 6th
   - 7th
   - 8th
   - 9th
   - 10th
   - 11th
   - 12th

* 2. What school do you attend?
   - Amundsen High School
   - Chicago City Day School
   - Curie Metro High School
   - Deerfield High School
   - Drummond Elementary School
   - Lane Tech College Prep High School
   - Lincoln Park High School
   - Loyola Academy High School
   - Maine Township High Schools
   - Northside College Prep High School
   - Schurz High School
   - Solorio Academy High School
   - Taft High School
   - Von Steuben High School
   - Waters Elementary School
3. What is your teacher’s name?


4. Approximately how many hours have you spent studying rivers so far this year? Include both in class and on field trips.


5. How many school field trips to the Chicago River have you taken this year?

   - None
   - One
   - Two
   - Three
   - More than three
* 6. Please tell us how interested you are in each of the following:

<table>
<thead>
<tr>
<th></th>
<th>No interest at all</th>
<th>A little interest</th>
<th>Somewhat interested</th>
<th>Interested</th>
<th>Very interested</th>
</tr>
</thead>
<tbody>
<tr>
<td>School</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>Science</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>Nature</td>
<td>☐</td>
<td>☐</td>
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</tbody>
</table>

* 7. Which of the following actions can improve the water quality of the Chicago River? Select the best answer.

- [ ] Catching crayfish to determine water quality
- [ ] Testing the water quality of the river
- [ ] Having a picnic in the forest preserves
- [ ] Restoring quality habitat near the river
- [ ] Cutting down trees near the river's edge
* 8. When you think of the Chicago River, what is the first word that comes to mind?

* 9. Think about your relationship with nature (as shown in the images above). Please select the image which best represents your relationship with nature.

○ Image A ○ Image B ○ Image C ○ Image D ○ Image E ○ Image F ○ Image G
* 10. When doing a scientific investigation, it is important that all questions be completely answered at the end of the experiment.

☐ True  ☐ False

* 11. Please classify each river organism listed as either native or non-native.

<table>
<thead>
<tr>
<th>Organism</th>
<th>Native</th>
<th>Non-native</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dragonfly larvae</td>
<td></td>
<td></td>
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<tr>
<td>Buckthorn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poison ivy</td>
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<tr>
<td>Rusty crayfish</td>
<td></td>
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<tr>
<td>Asian carp</td>
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<td></td>
</tr>
<tr>
<td>Scud</td>
<td></td>
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</tr>
</tbody>
</table>
* 12. All species of macroinvertebrates are equally tolerant of pollution.
   ○ True ○ False

* 13. If your river sample included only the following macroinvertebrate, which could be considered to have the highest water quality?
   ○ Crayfish ○ Dobsonfly larvae ○ Snails
   ○ Scuds ○ Mayfly larvae
**14. When we say water is "turbid" we mean that it is:**

- Smelly
- High in salt content
- Flowing quickly
- Clear (easy to see through)
- Cloudy (hard to see through)

**15. You are at the river testing for the presence of phosphates in the water. If you want to get the most accurate result, how many tests should you perform?**

- Just one
- Two, and take the average
- Three, and drop the lowest reading
- As many as you can in the time allowed
- The most possible, by rushing through the procedure
* 16. Which of the following is a major source of increased phosphate levels in the river? Select the best answer.

- Cigarette butts in the river
- Agricultural fertilizer runoff
- Eutrophication
- Aquatic Invasive species (like Rusty crayfish)
- Loss of biodiversity

* 17. What action could you take, or suggest to others, to limit phosphates in the Chicago River?

- Don't smoke cigarettes
- Dispose of batteries properly
- Buy organic fruits and vegetables
- Use fertilizer to grow vegetables at home
- Recycle plastic containers
* 18. There are many environmental problems and many ways to solve them. Please read the statements below and, for each, select the answer that best matches your personal opinion.

<table>
<thead>
<tr>
<th>Statement</th>
<th>No, I wouldn't do it</th>
<th>Just once</th>
<th>A few times</th>
<th>Fairly often</th>
<th>As often as possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am willing to take a shorter shower to help the Chicago River</td>
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<tr>
<td>I am willing to get muddy and wet to improve the Chicago River</td>
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<tr>
<td>I am willing to get dirty to clean up my neighborhood or school</td>
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<tr>
<td>I am willing to go door to door asking people I don't know to volunteer</td>
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<tr>
<td>I am willing to talk to friends and family about how to improve the Chicago River</td>
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<tr>
<td>I am willing to put my personal health at risk to help the Chicago River</td>
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