**Pre/Post Matching Code**

Assign each student a unique code for matching pre- and post-tests.

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| **Connection with Nature** |
| Choose one answer for each statement. |
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| --- | --- | --- | --- | --- |
|  | Not at all | A little | A lot | Not sure |
| I like being in nature |  |  |  |  |
| I like to spend time outdoors |  |  |  |  |
| I like sitting in sand |  |  |  |  |
| I like sitting in grass |  |  |  |  |
| I'm OK with getting my hands dirty |  |  |  |  |
| I'm OK with sticking my hand in river water |  |  |  |  |
| I'm OK with stepping in mud |  |  |  |  |
| I like to touch water insects |  |  |  |  |
| I like to touch living fish |  |  |  |  |
| Walking through a creek sounds like fun |  |  |  |  |
| Picking through algae from a pond sounds like fun |  |  |  |  |

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| **Now you’re going to answer some questions about local bodies of water. Examples of local bodies of water are streams, rivers, lakes, bays, and the ocean.** |
| **Connection to Water** |
| Choose one answer for each statement.  |
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| --- | --- | --- | --- | --- |
|  | Not at all | A little | A lot | Not sure |
| I like to learn about my local body of water |  |  |  |  |
| I search for information to learn about my local body of water |  |  |  |  |
| I want to explore my local body of water |  |  |  |  |
| I care about my local body of water |  |  |  |  |

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| **Science Inquiry Skills** |
| Do you know how to do these things? |
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| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| Create science questions that you could answer by collecting data (measurements)? |  |  |  |
| Make predictions or hypotheses? |  |  |  |
| Collect data (measurements) or use data collected by someone else? |  |  |  |
| Analyze the data and figure out what it means? |  |  |  |
| Make conclusions about what you found out? |  |  |  |
| Present to others what you found out about your science question? |  |  |  |

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| **Conserve Water** |
| Choose one answer for each statement. |
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| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| To conserve water, I would be willing to use less water when I shower or take a bath |  |  |  |
| To conserve water, I turn off the water while I was my hands |  |  |  |
| To conserve water, I turn off the water while I brush my teeth |  |  |  |

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| **Science Engagement** |
| Choose one answer for each statement. |
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| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| I usually do well in science |  |  |  |
| I would like to take more science in school |  |  |  |
| I enjoy learning science |  |  |  |
| I learn things easily in science |  |  |  |
| I would like a job that involves using science |  |  |  |
| I need to do well in science to get the job I want |  |  |  |

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| **Knowledge of Issues** |
| Choose one answer for each statement. |
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| --- | --- | --- | --- | --- |
|  | Nothing | A little | A lot | Not sure |
| The loss of forests and other plants along streams and rivers |  |  |  |  |
| High levels of nutrients in water and where they come from |  |  |  |  |
| The loss of important habitats such as wetlands and underwater plants |  |  |  |  |
| High levels of sediment (soil) in the water and where it comes from |  |  |  |  |

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| **Intention to Act** |
| Within the next year, I plan to ... |
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|  |  |  |  |
| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| Help clean up or take care of a local stream, river, or beach |  |  |  |
| Participate in a restoration activity such as planting trees or removing invasive plants |  |  |  |
| Tell others about ways they can protect a local body of water |  |  |  |
| Conserve water at home or school |  |  |  |

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| **Locus of Control** |
| Choose one answer for each statement. |
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|  |  |  |  |
| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| By working on your own, do you think you can help protect a local body of water? |  |  |  |
| By working with others, do you think you can help protect a local body of water? |  |  |  |

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**POST-TEST ONLY!**

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| **Branching Questions** |
| Did you learn about a local body of water and the land that drains into it during this school year? |
| * No
 |
| * Yes
 |
| * Not sure
 |

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| **If responded Yes** to “Did you learn about a local body of water and the land that drains into it during this school year?”, then respond to this question: |
| When you learned about a local body of water and the land that drains into it, did you go outside? |
| * No
 |
| * Yes
 |
| * Not sure
 |

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| **If responded Yes** to “When you learned about a local body of water and the land that drains into it, did you go outside?” then answer this question: |
| When you went outside to learn about a local body of water and the land that drains into it, did you go out …  (choose one) |
| * On the school property
 |
| * To an area within walking distance of school
 |
| * To an area you had to take a car or bus to get to
 |

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| **If responded Yes** to “When you learned about a local body of water and the land that drains into it, did you go outside?”, then respond to this question: |
| Choose one answer for each statement. |
| **Satisfaction** |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Not at all | A little | A lot | Not sure |
| I liked learning about a local body of water and the land that drains into it. |  |  |  |  |
| It was fun to learn about a local body of water and the land that drains into it. |  |  |  |  |
| I liked to do the things we did outside while we were learning about a local body of water and the land that drains into it. |  |  |  |  |
| I wish we would have spent more time learning about a local body of water and the land that drains into it. |  |  |  |  |

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| **If responded Yes** to “When you learned about a local body of water and the land that drains into it, did you go outside?”, then respond to this question: |
| **Preparation/Action/Reflection** |
| Choose one answer for each statement. |
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| --- | --- | --- | --- |
|  | No | Yes | Not sure |
| BEFORE we went outside to learn, we talked about what we were going to do outside. |  |  |  |
| While we were outside, I spent time collecting samples or taking measurements. |  |  |  |
| While we were outside, I spent time helping to protect the area. |  |  |  |
| AFTER we had gone outside, I had a chance to talk with my teacher and other students about what we did and learned. |  |  |  |

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| **Demographics** |
| What grade are you in? |
| * Grade PreK, 1, 2, or 3
 |
| * Grade 4
 |
| * Grade 5
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| * Grade 6
 |
| * Grade 7
 |
| * Grade 8
 |
| * Grade 9, 10, 11, or 12
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| In science, do you usually get... |
| * Mostly A's?
 |
| * Mostly B's?
 |
| * Mostly C's?
 |
| * Mostly D's or below?
 |
| * Our school does not give this type of grades
 |
| * I prefer not to answer
 |

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| Do you identify as (check all that apply): |
| * Hispanic or Latino
 |
| * American Indian or Alaska Native
 |
| * Asian
 |
| * Black or African American
 |
| * Native Hawaiian or other Pacific Islander
 |
| * White
 |
| * Other
 |
| * I prefer not to answer
 |

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| Do you mostly speak English at home? |
| * No
 |
| * Yes
 |
| * I prefer not to answer
 |

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| Are you .... |
| * Male
 |
| * Female
 |
| * I prefer not to answer
 |