

## Project Development

### Defining Topic

### Choosing Communication Tool

1. What do you enjoy doing and how is water a part of that activity?
2. Where do you participate in this activity? *Name the aquatic ecosystem of this area.*
3. What are the top three water issues that may interfere with your activity and/or guide your solution?
4. Describe a current or possible solution to one of the water issues above.
5. Pull this together by clearly defining your defined issue and where it is located, why it is important, and a possible solution.
6. Explore data, either from field trips or from the literature, and three primary or secondary source to help define and clarify the problem, prove it's value and importance, and/or guide your solution.
7. List one expert in the community that you would like to contact to learn more.

1. Create a catchy title for your topic.
  2. What profession are you interested in pursuing? What are some communication skills that you may need for that profession?
- Looks for project ideas below that both match your professional interests and will communicate your topic.

<p style="text-align: center;"><b>Science/Math</b></p> <p>Scientific Poster Scientific Presentation Other: _____</p>	<p style="text-align: center;"><b>Art</b></p> <p>Mural/Diagram of watershed system Photography exhibit with detailed captions Other: _____</p>
<p style="text-align: center;"><b>Communications</b></p> <p>Science writing article Marketing portfolio for watershed system Website/Blog Other: _____</p>	<p style="text-align: center;"><b>Film/Music</b></p> <p>Write and record song Create commercial or mini-documentary Other: _____</p>
<p style="text-align: center;"><b>Community Development</b></p> <p>Work with community partner to develop outreach materials Create community campaign Other: _____</p>	<p style="text-align: center;"><b>Engineering</b></p> <p>Physical model of system Solution prototypes Investigation of engineered solutions Other: _____</p>
<p style="text-align: center;"><b>Technology</b></p> <p>Website, Blog, Computer app Other: _____</p>	<p style="text-align: center;"><b>Other: <i>List other ideas here!</i></b></p>

**FIGURE 4:** Condensed project development student worksheets to aid in defining a problem, researching solutions, and choosing a project communication tool. Questions on the “Defining Topic” can be tailored to project-based curriculum theme or disciplinary core idea.