

# QuikScience Challenge

## Solution for Environmental Challenge Guidelines Middle School

**Introduction:** The 2009 QuikScience Challenge includes a new component to inspire student-generated creative solutions to current environmental challenges.

So, Now that you've come up with an exciting and creative community service plan and you've implemented an amazing lesson plan...what's next? We have a challenge for you: we need a solution to an environmental problem from your team! This is where you can let your imagination run wild. Off-the-wall ideas and pie-in-the-sky plans are where innovative ideas and future technologies come from. We want you to come up with your very own solution to an environmental problem. It should be creative and unique. Think about the environmental problems from a marine and aquatic perspective and consider the interconnectedness of the entire environment (land and air, too.) You may want to involve your classroom and brainstorm on ideas or choose from current events to decide on the problem (challenge) that you wish to solve. Here are the guidelines.

### Guidelines:

1. Describe the "Environmental Challenge" your team wishes to solve. Choose a topic that is an important environmental challenge today and that might remain a challenge for years to come.
2. Describe how the "Environmental Solution" would be carried out. If you choose to be inspired by a solution currently on the market (or thought up by someone else), explain how your solution expands on their idea, yet is still unique enough to be your own.
  - Would an agency have to be set up, or could it be done by individual actions, or would you need an army of volunteers?
  - What kinds of technology/policies/laws would be needed to carry out your solution? If they don't exist yet, give a description so that a judge can understand why it is needed.
  - Estimate the cost involved in your environmental solution. Your solution does not have to be cheap or home-made (although it can be if you want), but it should take into account the fact that nothing can happen without funding. Your solution can be as cheap or as expensive as you want it to be.
3. The "Environmental Solution" proposal should be a 1/2 to one page long, not including tables or drawings. You must cite any references you use, or ideas by other people that you mention.