

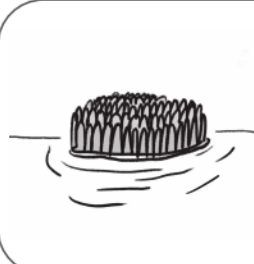
Problem Solver's Sheet

PROBLEM

1) What's the problem you need to solve? Problem: _____

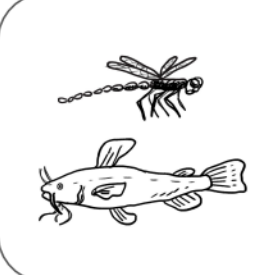
SOLUTIONS

2) After listening to each expert, write down any ideas you have about how to solve the mosquito problem. The more ideas, the better!




PARK RANGER:
"Mosquitoes need water for their eggs and larvae."

Ideas: _____



FISHERMAN:
"Fish eat mosquito eggs and larvae. Dragonflies eat mosquitoes."

Ideas: _____



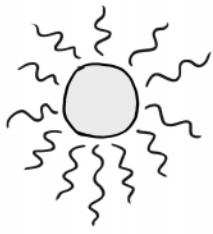
WEATHER REPORTER:
"Mosquitoes can't fly in wind over 10 miles per hour." (16 km/h)

Ideas: _____



HOME REPAIR EXPERT:
"Mosquitoes can't get through screens or netting."

Ideas: _____



HIKER:

“Mosquitoes bite most at sunrise and sunset.”

Ideas: _____



BIRD WATCHER:

“Birds and bats eat lots of mosquitoes.”

Ideas: _____



DAD & KID:

“Insect repellent keeps them away, but it’s icky.”

Ideas: _____

3) Look at your “Bug Off” sheet. Are there any solutions that will NOT work here? Why won’t they work?

4) How will you figure out how well your solution worked? For example, is there some way you could compare what it was like in the town before and after your solution?

