

## *Answer Key – Mosquitoes*

### **Important roles a mosquito plays in the environment include:**

- Their eggs are a major food source for fish
- Important food source for bats, lizards, spiders and several bird species

### **Diseases and how they can affect humans include:**

**Malaria:** The parasites invade our blood cells causing chills and fevers

**Dengue Fever:** An acute viral disease which causes headaches, fever, skin rash and pains in the joints.

**Yellow Fever:** An infectious disease of tropical and subtropical climates which causes fever, vomiting, haemorrhages and jaundice.

### **Solution on decreasing the spread of disease by mosquitoes:**

- Increase research on diseases and vaccines
- Reduce malnutrition
- Good hand washing practices of medical personnel
- Global effort to help reduce HIV/AIDS
- Reduce amount of antibiotics being used
- Reduce the amount of stagnant ponds or water areas where mosquitoes breed
- Good housing and flywire protection on all windows
- Use of repellents for outdoor use

### **Outcomes:**

English – reading, writing

Science – disease spread of mosquitoes and the ecological role they play in the environment.

### **Suggested Activities:**

Observe mosquito larvae in water

Look at a mosquito under a microscope

Have students write down ways in which we can reduce mosquito populations