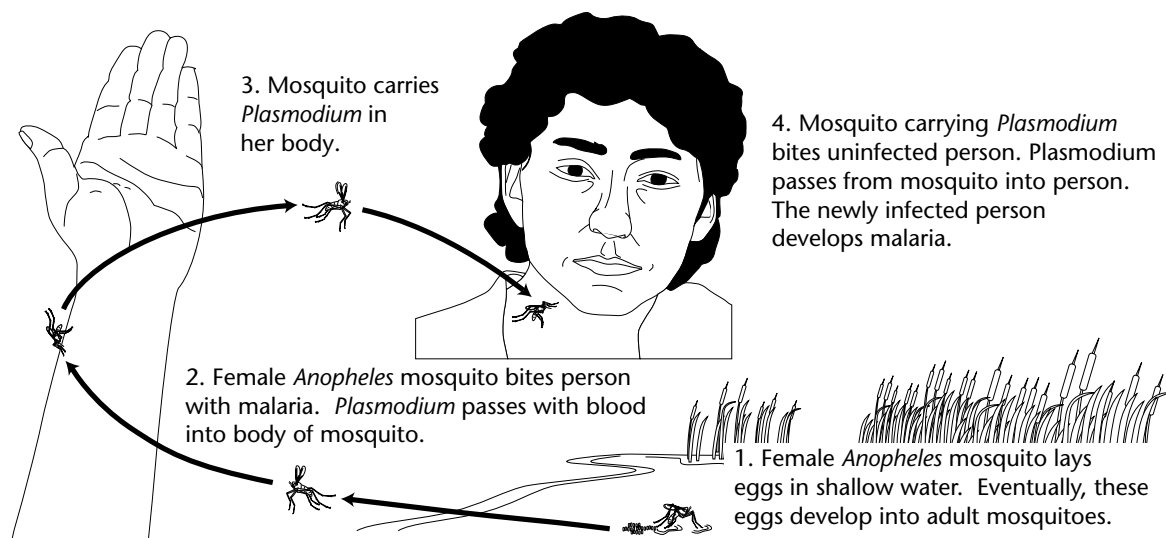


Fighting Disease ▪ Enrich

Stopping Malaria

Malaria is an infectious disease caused by the protist *Plasmodium*. This pathogen is transmitted from one person to another by the bite of the female *Anopheles* mosquito. The disease infects more than 150 million people a year and kills between 1.5 and 3.0 million people. Although malaria is treatable, it occurs in parts of the world where effective treatments are largely unavailable. For this reason, the battle against the spread of malaria has focused on prevention.

The diagram below provides information about the spread of malaria and the life cycle of the *Anopheles* mosquito.



Answer the following questions on a separate sheet of paper.

1. Diseases can be spread in four basic ways. In which of these ways is malaria spread?
2. Where does the female *Anopheles* mosquito lay eggs?
3. How does *Plasmodium* get into the body of a female *Anopheles* mosquito?
4. How does a person get malaria?
5. Sometimes shallow pools and swamps in an area are drained to help prevent the spread of malaria. Use the diagram to explain why this strategy is effective.
6. What are other ways to prevent the spread of malaria?