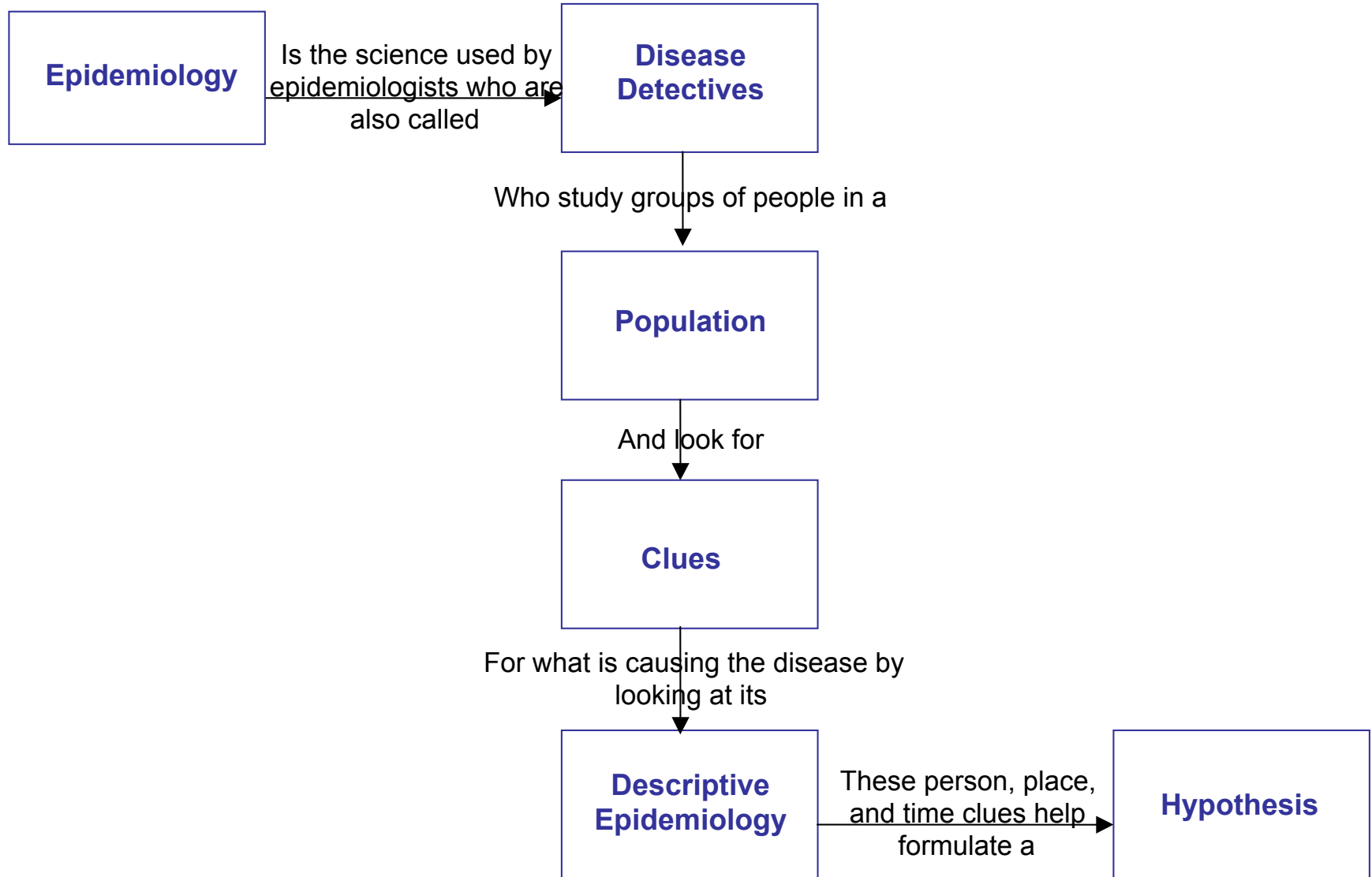


1. Complete the Concept Map below by placing the appropriate words and phrases in the boxes.



2. A previously unrecognized disease has come to the attention of epidemiologists. Among its symptoms are a sore throat and upset stomach. The cause of the disease is not known.

At this point, most of the reported cases of the disease have occurred among diabetics, fashion models, and wrestlers. The disease seems to occur more frequently during the summer.

Given the distribution of the disease, formulate two hypotheses that might explain what is causing it.

a. **Diet soft drinks or other low carbohydrate weight loss foods**

b. **Water or food consumed at a gymnasium or fitness facility**

3. Explain why “mosquito bites” was not an educated guess for the cause of AIDS.

**Mosquitoes do not just bite adult males who were homosexual or IV drug users. If mosquito bites caused AIDS, the descriptive epidemiology of the disease would have been different. Children and adults, males and females, heterosexuals and homosexuals, and IV drug users and non-IV drug users would all have developed AIDS.**