PEER Life Science Properties of Hazards: Invisible Intruders Notes Outline STUDENT

**Introduction**

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are any substance or mixture of substances intended for controlling pests.
* Pesticides are useful due to their ability to control insects, weeds, and other pests. However, they may cause \_\_\_\_\_\_\_\_\_\_\_ problems in humans.

**Lesson**

* Most pesticides enter the body through the skin, \_\_\_\_\_\_\_\_\_\_\_\_ or mouth.
* Pesticides enter the blood from the \_\_\_\_\_\_\_\_\_\_\_\_ in the small intestines.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a chemical reaction that takes place in the liver when the liver cells reduce toxicity.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a neurotransmitter that has functions in the nervous system that are inhibited by the presence of pesticides.
* Acetylcholine is a special chemical manufactured by the body called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acts as a “go” neurotransmitter and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ acts as a “stop” neurotransmitter.
* When the dose of organophosphate and carbamate is too high, then death may occur due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ failure.
* Exposure to pesticides is common when eating fresh fruits and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that have been sprayed with pesticides.