Teacher Notes:

1. This unit should come after discussing the cellular components and the cell cycle in detail. This lesson is very self-directed and will need very little teacher direction, if the students have a clear understanding of the cell cycle prior to introduction of it.

2. The first activity titled “Cancer” is a web quest that has students research the very basics of cancer using the Livestrong Website and Cancer.org.

3. After doing the Cancer web quest students should then do a second activity titled “How is Fido Going to Help People?” This lesson will illustrate how cancers detected in people’s pets are used in research to not only treat/cure the animal, but to also find treatments and cures for people. Cancer research centers, like the one at Purdue University, rely on the data that is gleaned from scientists that study animals and their diseases.