**CANCER MICROVIEWER ACTIVITY**

Read through the booklet and examine the slides. Throughout this activity, you should be looking for the visual differences between normal and cancerous cells.

**Slide 1: Healthy Skin Tissue**

Can you see the different types of cells that make up the skin? Describe them.

**Slide 2: Cancerous Skin Tissue**

Compare this slide to Slide 1. How have the cancer cells affected the healthy skin tissue patterns?

**Slide 3: Tumour**

Why does a large tumour require blood vessels?

After reading the last paragraph, speculate about how this is possible if the chromosomes still have telomeres.

**Slide 4: Lung**

Before reading the information, which side of the slide do you think shows cancerous lung tissue? Why?

**Slide 5: Melanoma/Carcinoma**

Refer to the chart on p. 50 in the text. What warning signs does the melanoma exhibit?

Why might severe sunburns lead to skin cancer?

**Slide 6: Colon**

Can you see the dark purple cancer cells forcing their way into the normal tissue?

Why do you think diet can play a large role in causing cancers of the digestive system?

**Slide 7: Breast**

Can you identify the cancerous cells? How?

**Slide 8: Testes/Cervix**

Can you identify the cancerous cells? How?

**Summary**

Summarize the visual differences between normal and cancerous cells.