www.insidecancer.org - Go to the website

1) Causes & Prevention: Overview

- What percentage of cancers are inherited? _____ Caused by synthetic chemicals? _____
- On the world map, what is a “cancer hotspot?” How do they use a map to help find answers about cancer?
  o Click the arrow in the Cancer Epidemiology box. Use the list of cancer types at the bottom.
  o Where is breast cancer highest? What do the hot spots have in common?
  o Pick two other cancers and answer the same two questions about each type you chose.

2) Causes & Prevention: Inheritance

- Why do they say all cancers are genetic?
- Click the arrow next to Cancer Gene Types. Watch the video/read the script.
  o List and briefly describe the 3 types of genes linked to cancer.

3) Diagnosis & Treatment: Targeted Activators

- Click the arrow next to Irressa and Lung Cancer
  o How does Irressa work?
  o What causes Irressa to be effective in some patients and not in others?

4) Diagnosis & Treatment: Blocking Receptors

- What hormone causes breast cancer to grow?
- How does the drug Tamoxifen work?
- What is the other targeted receptor in fighting breast cancer? How does it contribute to tumor growth?
- How does an antibody work?