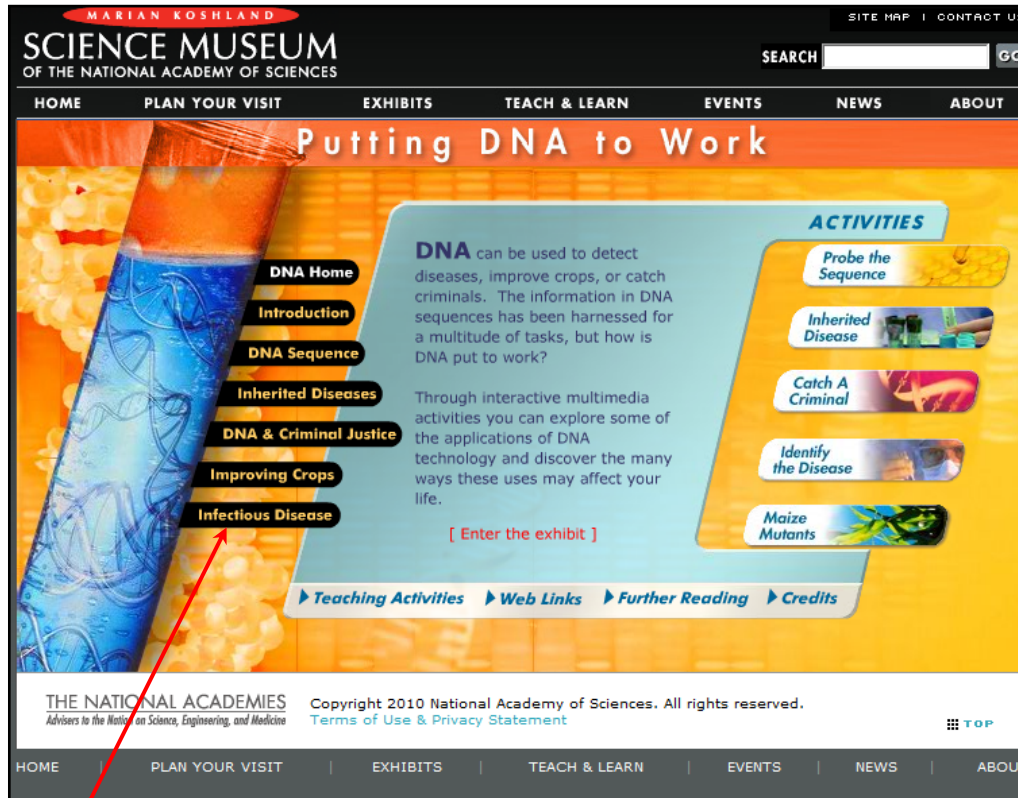


Putting DNA to Work



Answer the following questions which correspond to each of the links on the web site.

Introduction

1. Where is DNA found?

2. Which organisms most closely match humans in terms of their DNA?

DNA Sequence

3. What are the chemical building blocks of DNA?

4. How is the strand of DNA on one side compared to the strand of DNA on the opposite side of the DNA molecule?

5. Why is DNA compared to a library of instructions?

Inherited Diseases

6. How might DNA someday be used to prevent disease?

7. What is a mutation?

8. What is Hemochromatosis and how is it inherited?

DNA/Criminal Justice

9. How can DNA be used to identify people?

10. What are some sources of DNA evidence?

Improving Crops

11. How does reading genes improve crops?

12. How do scientists help improve crop production using genetic technology?

Infectious Disease

13. How does using the virus chip help in identifying infectious diseases?

14. Identify the disease activity. What were your findings?

15. Where did SARS come from?