Intro to COMPOUNDS

Complete the videos and readings from the Blendspace on page 24 in your notebook. Here is the link to the Blendspace.

<https://www.tes.com/lessons/NopX_dSFLRh15g/compounds>

Section 1: Bill Nye

Watch the video, and answer the following question;

How are compounds different from the elements that make them up?

Section 2:

Answer the following questions as you read and watch the video. Do not watch the second video on ionic and covalent bonding.

1. What is a compound?

2. A mixture is a combination of two or more substances in any proportions. An example of a mixture is lemonade, which contains water, lemon juice, and sugar. How do compounds differ from mixtures such as lemonade?

3. Compare and contrast ionic and covalent bonds.

Section 3: Create a chart comparing elements and compounds, include examples of each as well. Do not watch the videos.

Section 4: Drugs from the Rainforest

1. Vincristine is a good example of a drug that comes from a tropical rainforest plant. What is vincristine? What disease does it treat?

2. In the early 1980s, no U.S. drug companies were doing field studies to search for healing biochemical compounds in the tropical rainforest. How has that changed?

3. Why do field researchers work with tribal healers in their search for new rainforest drugs?

4. What are some diseases for which new rainforest drugs were under development when the video above was made?