Bill Nye Atoms Viewing Guide – Paste on the Right Hand Side of CN.

1. What are all things made of?
2. What is matter made of?
3. The word “atoms” is derived from which greek word?
4. Draw a picture of an atom.
5. Where is the nucleus in an atom? What makes up the nucleus? What charges do these parts have?
6. What are electrons? Where are they located in an atom? What charge do they have? Where are located in relation to the nucleus (i.e. very near, near, far, very far)?
7. If atoms are mostly empty space, why do the atoms in your feet not pass through the atoms of the ground?
8. Approximately how many atoms can you fit on the head of a pin?
9. Atoms form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Atoms are like \_\_\_\_\_\_\_\_\_\_\_\_\_ while molecules are like \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.