Atomic Models Project

Working by yourself or with **ONE** partner, you will be creating a foldable or google slideshow describing 5 different atomic models. Use the online resources below to research the features, experiments, and scientists involved in each theory.

Your foldable or slideshow must include the following information for each of the 5 atomic models listed in the table below.

1. Who of what is the model named after?
2. When was the model first described?
3. Give a description of the main features of the atomic model.
4. What scientific experiment or evidence supported the adoption of the model?
5. Include a diagram showing the main features of the atomic model.

Model #	Atomic Model	Web Links
Model #1	Greek model and Dalton model	http://plato.stanford.edu/entries/democritus/ http://www.mlahanas.de/Greeks/Atoms.htm http://www.everythingmaths.co.za/science/grade-10/04-the-atom/04-the-atom-02.cnxmlplus
Model #2	Thomson model	http://www.aip.org/history/electron/jjhome.htm http://www.egglescliffe.org.uk/physics/particles/electron/electron.html http://www.everythingmaths.co.za/science/grade-10/04-the-atom/04-the-atom-02.cnxmlplus
Model #3	Rutherford model	http://micro.magnet.fsu.edu/electromag/java/rutherford/ http://galileo.phys.virginia.edu/classes/252/Rutherford_Scattering/Rutherford_Scattering.html http://www.everythingmaths.co.za/science/grade-10/04-the-atom/04-the-atom-02.cnxmlplus
Model #4	Bohr model	http://csep10.phys.utk.edu/astr162/lect/light/bohr.html http://www.colorado.edu/physics/2000/quantumzone/bohr.html http://www.everythingmaths.co.za/science/grade-10/04-the-atom/04-the-atom-02.cnxmlplus
Model #5	Electron cloud model	http://www.universetoday.com/38282/electron-cloud-model/ http://www.regentsprep.org/regents/physics/phys05/catomodel/cloud.htm