Are the electrons gaining energy from the heat?
Is extra energy given off in the form of colored light?

Did the flame only change color when the nucleus hit the flame?

Do the different colors of flame indicate more or less energy?

What is the Chemical makeup of each solution KCl. $CuCl_2$. $SrCl_2$. $LiCl$

Would the temperature of the liquids affect the color of the flame? vise versa

- What reaction is going on?
- Are the atom's shells like the flame's layers?

Does the number of electrons affect anything?

When heated, do electrons change orbitals more rapidly or move faster?