**Your evidence:** Cool air forms over a cool surface! Remember we discussed the error in the setup and then we measure the air temperature around the **bottom of the cold convection tube**. The air at the bottom of the cold convection tube was COLD!

**Your thinking** should explain all 4 parts of your evidence. Use the land and water surfaces during the day or night to represent your warm / cool surfaces from your evidence. **Important note**: the warm water can represent ANY warm surface including the land during the day. The evidence shows you what happens to the air over any warm surface!