**LABELS TO USE**

1. **Release of stored Cryospheric Methane (CH4) and CO2**
2. **Raises global temperatures**
3. **Melts tundra permafrost**
4. **Human burning of fossil fuels**
5. **Reduces polar albedo, increases solar absorption**
6. **Increased melting of sea ice**
7. **Increasing atmospheric CO2 and other greenhouse gasses**

Labels to use

1. **More CO2 dissolved in rainwater and then stored**
2. **Increasing atmospheric CO2 and other greenhouse gasses**
3. **More evaporation and precipitation**
4. **Carbon Stores increase**
5. **Encourages more plant growth**
6. **Climate Cools**
7. **Plants take in CO2**

**Human burning of fossil fuels**

**A negative feedback loop applied to the Carbon Cycle**