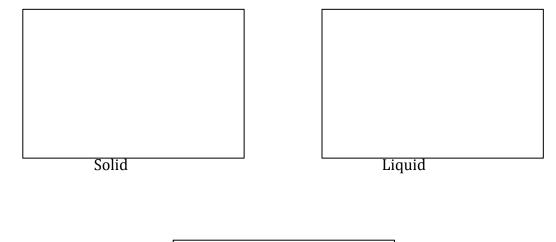
In the boxes below draw a molecular representation of solid, liquid, and gaseous water (H₂O).



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To change from solid to liquid to gas you have to raise the temperature. Why? What is happening on the molecular level as the water changes from one state to another.

n the box below dra	w a molecular representation of solid water, ice, $H_2O(s)$.
	Explain what your diagram shows:
•	When ice is heated it liquefies. Draw a picture of what that looks like at the molecular level. Explain what is happening at the molecular level during this process
	Now imagine the liquid is heated up to its boiling point (100 C). Draw a picture of what that looks like at the molecular level. Explain what is happening at the molecular level during this process