

# Phases & Phase Changes

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## Phases and Phase Changes

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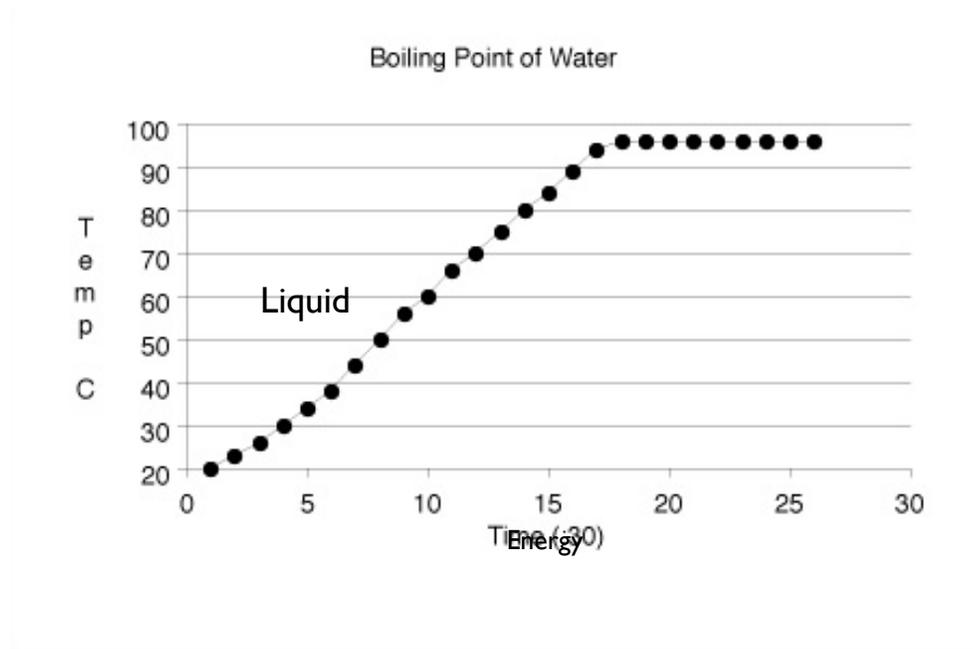
### Lab Conclusion Questions

- What effect does the addition or removal of energy have on the molecules of a substance?
- The addition or removal of energy can cause....
  - Change in speed
  - Change in phase } Never at the same time
- Look at your graphs and summarize what happened to the temperatures over your BP and FP curves.
- What are possible explanations for these trends?

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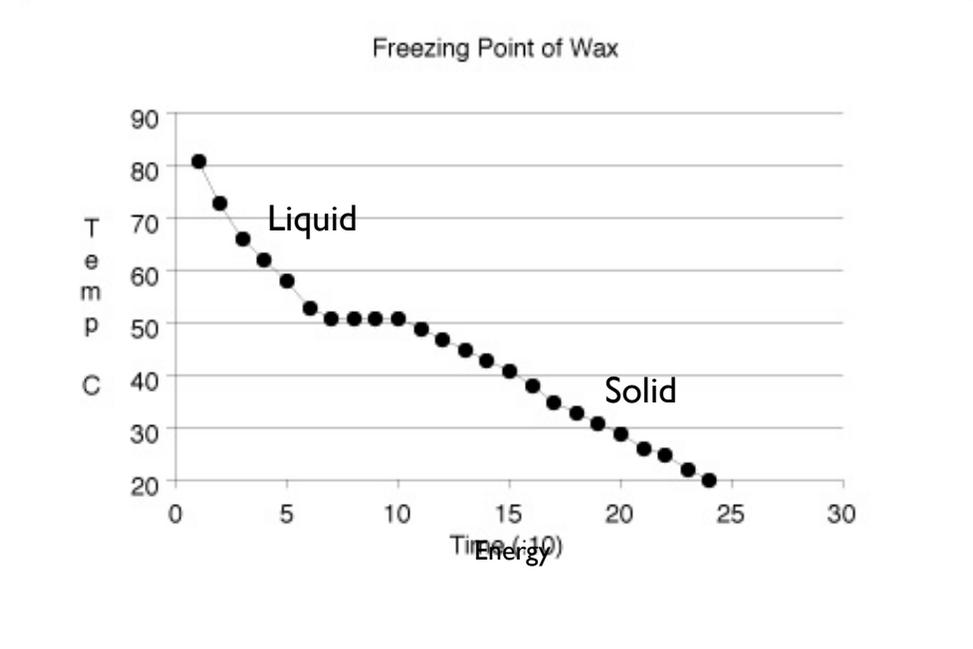
### Boiling Point Graph



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## Phases and Phase Changes

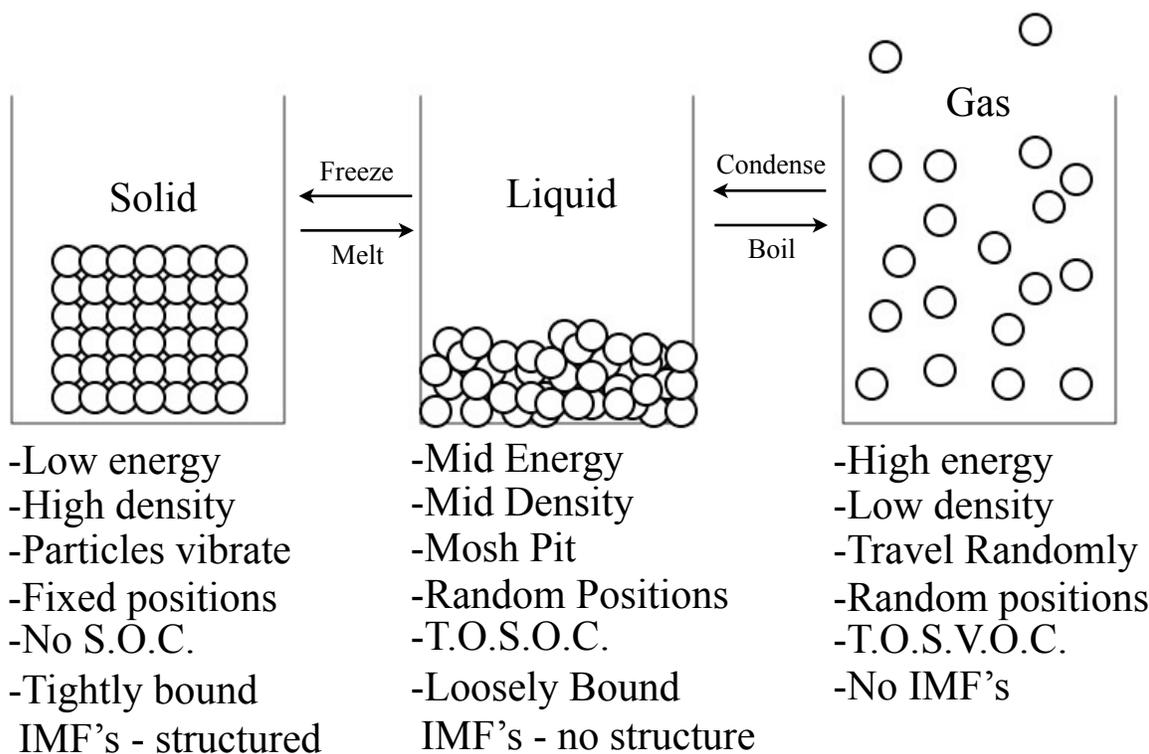
### Freezing Point Graph



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## Phases and Phase Changes

### Phase Characteristics



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### Pulling it all Together

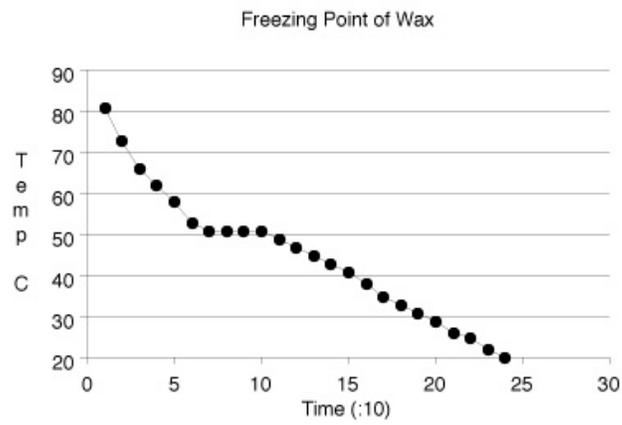
- By reworking and connecting our graphs, we can summarize everything you've just learned.

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### Lab Conclusion Questions

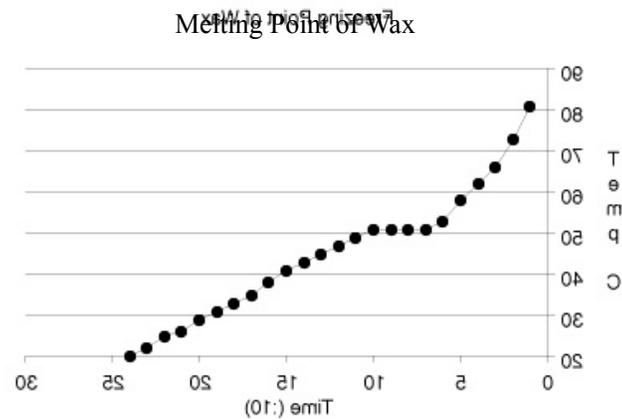
- First, lets invert our freezing point graph



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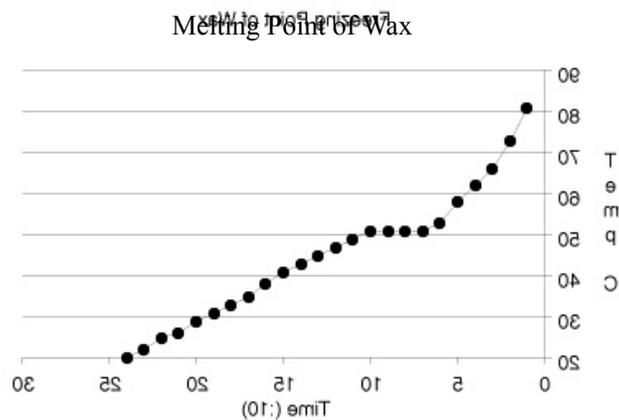
### Lab Conclusion Questions



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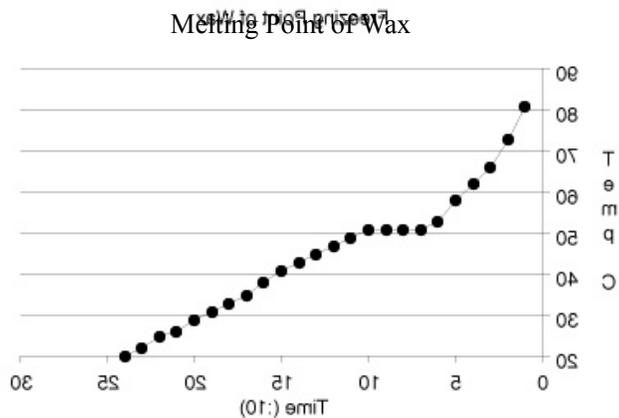
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## Lab Conclusion Questions



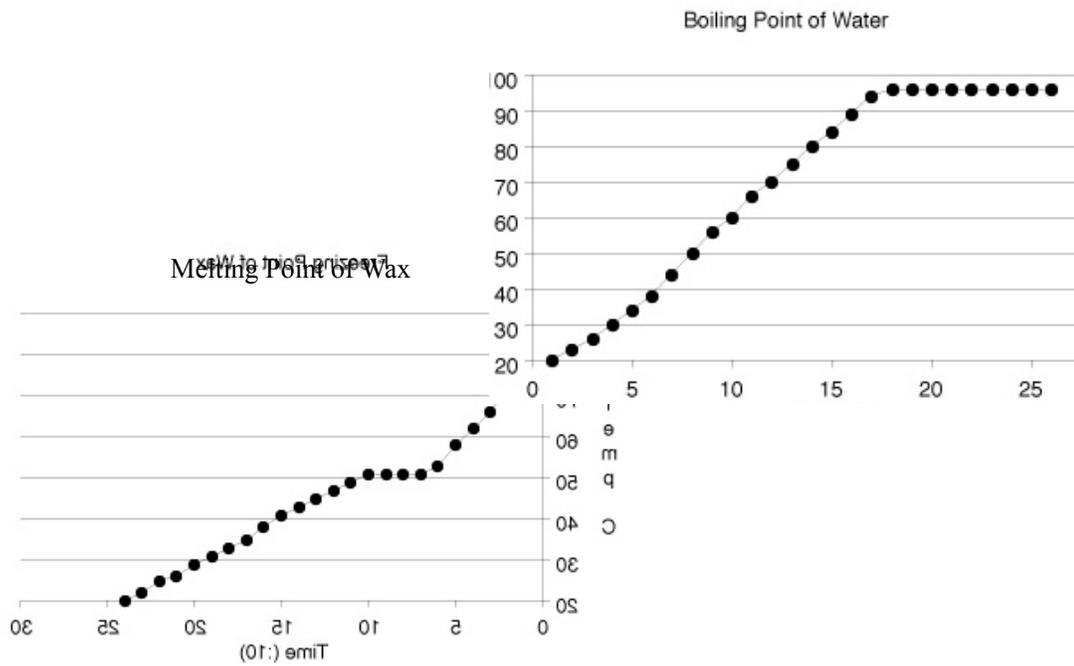
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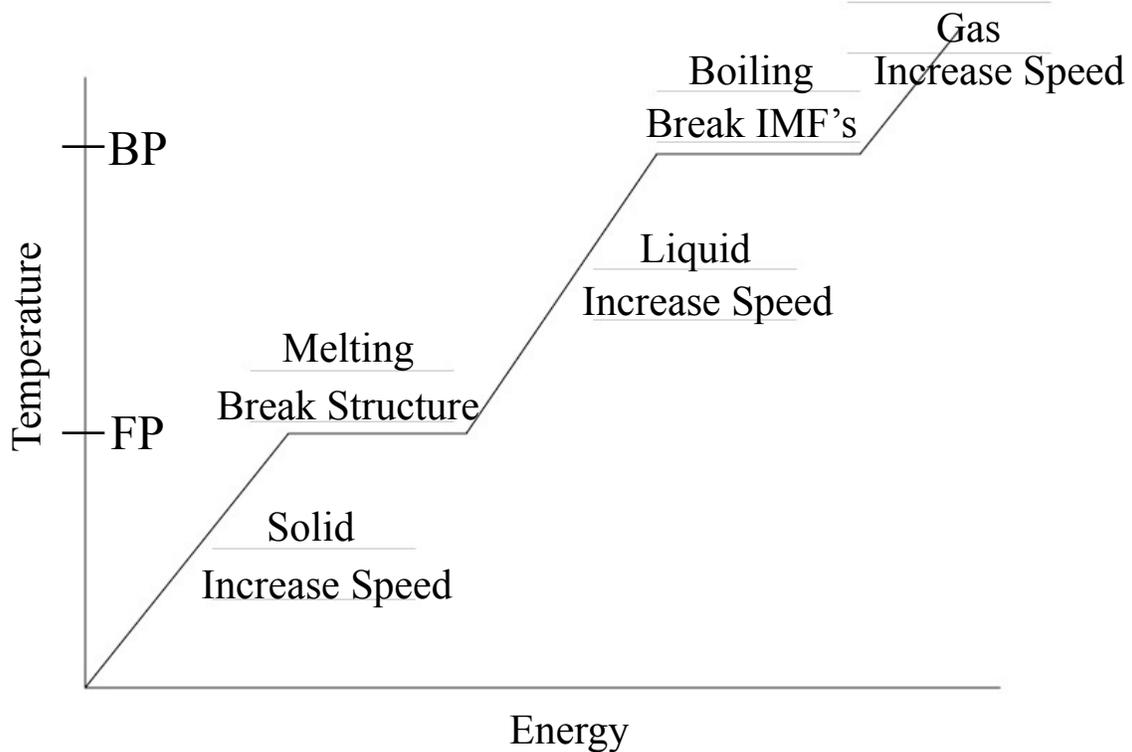
## Lab Conclusion Questions



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# Phases and Phase Changes

## Phase Change Energies



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# Phases and Phase Changes

## Phase Change Energies

