Kinetic Theory and Changes of State

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Draw particle diagrams of a sold, liquid and a gas. Describe how the kinetic energy of the particles changes.

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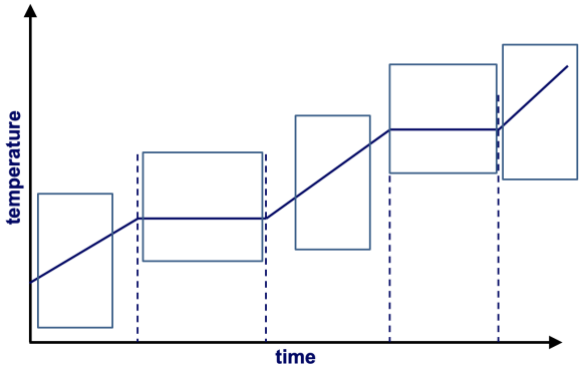
Describe a heating curve for an ice cube first turning into water and then turning into vapour. Use the following key words: melting, boiling, freezing, condensing. Label where the water is liquid, solid and gas and you could include particle diagrams.



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Why doesn't the temperature change when a gas changes into a liquid?

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Instructions:
(1) Answer the questions.
(2) Watch the clip and correct your answers.
(3) Print out, fold over on dotted line and make into flashcards.
(4) Use for retrieval quizzes.