

Chem!stry

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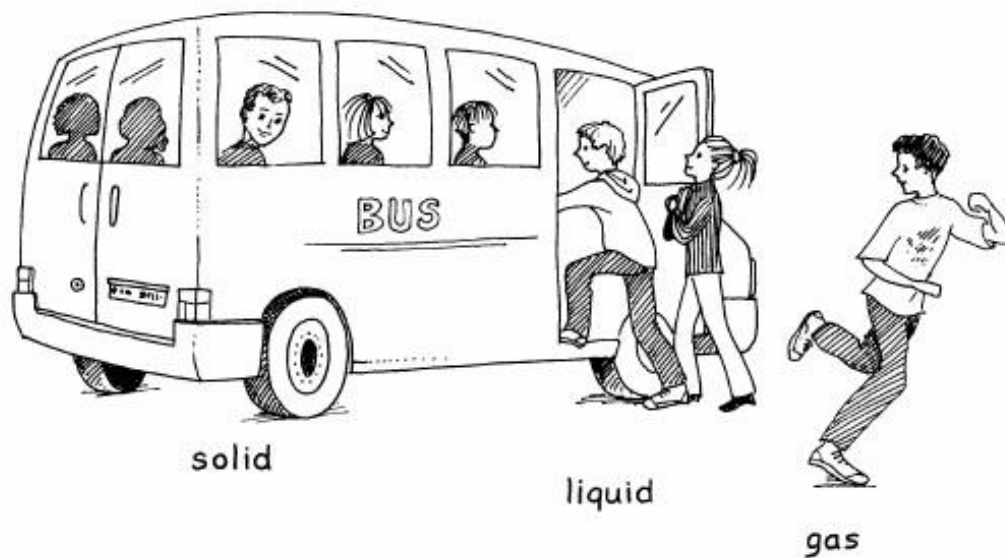
Class:

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The Kinetic Particle Theory of Matter – Macroconcept: Models

Question One:

The diagram below is a model that can be used to describe how the particles are arranged in solids, liquids and gases:



Describe how the diagram above represents the arrangement of particles in solids, liquids and gases. How is the diagram a good model of kinetic particle theory? What are the limitations of this model?

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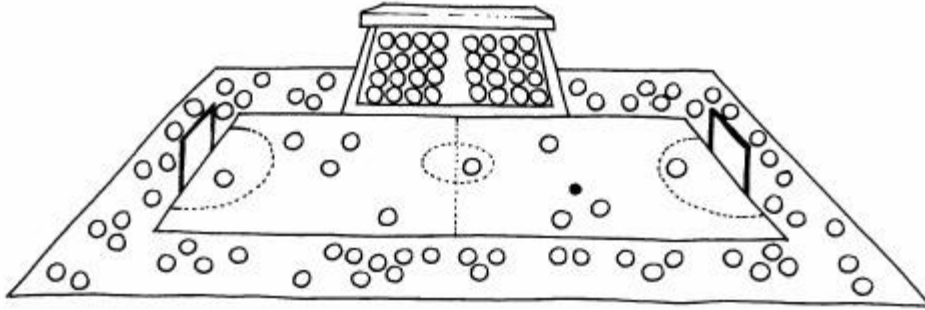
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Question Two:

Describe how the diagram below models the arrangement of particles in solids, liquids and gases. State, with reasons, which model is better at representing the kinetic particle theory of matter, the one used in **Question One** or the one used in **Question Two**.



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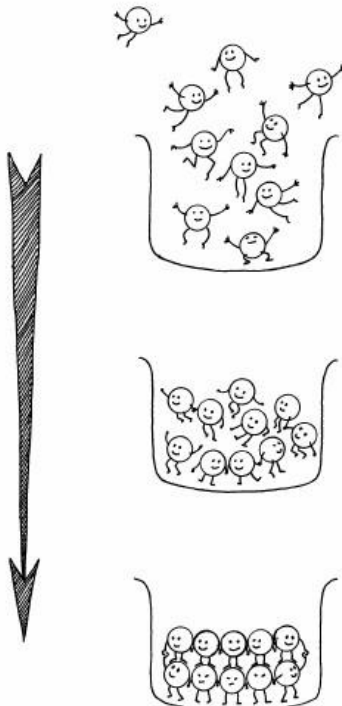
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Question Three:

Now come up with your own models to describe how the particles are arranged in solids, liquids and gases. You could, for example, think about how you and the other girls in your class behave like the particles in solids, liquids and gases during a typical day at NYGH!

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