Worksheet 1.5.4 Exploring diffusion

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	escribe and draw a diagram to show what might happen in each of the following investigations: Hot water in a beaker with red food colouring and cold water in a beaker with blue food colouring. What differences would you see in each beaker?	
b)	Lead nitrate and potassium iodide react to make a yellow solid. What would happen if crystals of lead nitrate and potassium iodide were placed at opposite ends of a dish that had a small amount of water in it?	
2	Explaining diffusion >>	
	r each of the investigations in task 1, explain why you might obtain these observations. Use particle agrams to help you.	

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3 Fac	tors	affecting	diffusion
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Нс /0	w do the following factors affect diffusion? Use particle diagrams, where appropriate, to explain ur ideas.
a)	temperature
)	particle size
:)	concentration gradient