**DIFFUSION LAB**

**FORMATIVE ASSESSMENT--Post-Lab Questions—Draw Conclusion and Analysis**

1. Based on your observations, which substance moved: the iodine or the cornstarch?

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2. How did you determine this?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. The plastic baggie was permeable (let which substance in or out) to which substance?

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4. Define “selectively permeable.” (see background information)

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5. Is the plastic baggie selectively permeable?\_\_\_\_\_\_\_\_

6. How did you determine this?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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7. Sketch the beaker and baggie in the space below.

Use arrows to illustrate how diffusion occurred in this lab.

Be sure to label the parts of your diagram.

8. What would happen if you did an experiment in which the iodine solution was in the plastic baggie and the cornstarch solution was in the beaker?

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