**Osmosis – What is it good for? Absolutely everything!!! Not really – just lots!!**

**Day 1:**

* Write name on beaker
* Mass beaker \_\_\_\_\_\_\_\_\_\_
* Mass beaker and egg \_\_\_\_\_\_\_\_\_\_
* Add 45 mL of vinegar (5 % v/v acetic acid)
* Observe

Write the BCE for what happened to the eggshell:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Day 2:**

* Gently pour off left over “liquid”
* Spoon up egg gently
* Rinse and dry beaker
* BRIEFLY rinse and pat dry egg
* Mass beaker \_\_\_\_\_\_\_\_\_\_
* Mass egg in beaker \_\_\_\_\_\_\_\_\_\_
* Observe
* Pour corn syrup over egg to cover

What is the possible composition of the “liquid” you poured off?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Observations:**

What is corn syrup?

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**Day 3:**

* Observe
* Gently pour off left over “liquid”
* Spoon up egg gently
* Rinse and dry beaker
* Mass beaker \_\_\_\_\_\_\_\_\_
* BRIEFLY rinse and pat dry egg
* Mass egg in beaker \_\_\_\_\_\_\_\_\_

What happened to the egg? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Why? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the possible composition of the “liquid” you poured off?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain what osmosis is:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain what happened to the egg on the different days re osmosis—you may use a labeled sketch.

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| --- | --- | --- |
| **Day 1** | **Day 2** | **Day 3** |
|  |  |  |