**Station Activity: Cell Transport**

**Station #1 – Vocabulary**

1. **\_\_C\_\_\_**
2. **\_\_A\_\_\_**
3. **\_\_D\_\_\_**
4. **\_\_B\_\_\_**
5. **\_\_G\_\_\_**
6. **\_\_E\_\_\_**
7. **\_\_F\_\_\_**
8. **\_\_H\_\_\_**

**Station #2 – Soupy Salad**

**L**

**1.**

**sugar**

**H**

**sugar**

**sugar**

**sugar**

**sugar**

**2. Water moved by the process of osmosis from an area of HIGH water concentration inside the strawberry cells to an area of LOW water concentration in the bowl. Therefore, water ran out of the berry into the bowl.**

**Station #3 – Watery Worms**

**1**

**salt**

**L**

**H**

**salt**

**2. Water moved by the process of osmosis from an area of HIGH water concentration inside the tank to an area of LOW water concentration inside the worm. Therefore, the worm swelled.**

**Station #4 – Crunchy Cucumbers**

**1.**

**salt**

**L**

****

**salt**

**H**

**2. Water moved by the process of osmosis from an area of HIGH water concentration inside the cucumber to an area of LOW water concentration inside the barrel. Therefore, cucumber lost water and shriveled.**

 **3. pickles**

**Station #5 – Wandering Water Molecules**

**1. There is an equal concentration (number) of water molecules on the inside and outside of cell.**

**2. The cell was placed in SALT WATER because water is moving out from a High concentration inside the cell to a low concentration outside the cell.**

**3. The cell was placed in FRESHWATER because water is moving in from a High concentration outside the cell to a low concentration inside the cell.**

**4. OSMOSIS**

**5. NO, no energy!**