LIFE 3 CELLS 2

Science 8 November 2018

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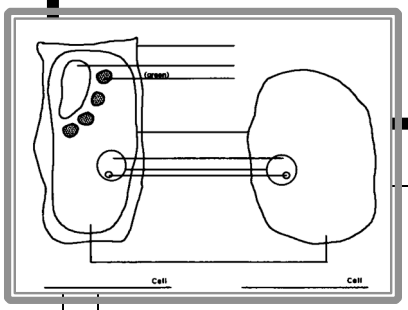
Name Period



Diffusion & Osmosis

Cells in Salt Water?

See the Back of this Calendar:_____

PBS Osmosis:

Life→ PBS Osmosis

__ → Run to **equilibrium**.

__**Fill in the blanks below.**

__**Count the water (H_2O) molecules:** **Write your count↓**

a) Before: Left _____
Right _____

b) Held by **each** sodium (Na) atom? _____

c) By **all** Na atoms? _____

d) After: How many **"free"** water molecules on
Left _____
Right _____

__**Get a Screen Check** ___

Discovery Education:

Intro to Diffusion & Osmosis:

___In **diffusion**, particles go from a _____ to a _____ concentration**.** If a membrane is involved, it is _____

__**Get a Screen Check** ___

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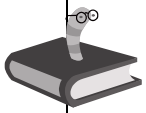

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McGraw Hill ConnectEd: Osmosis:

Fill in the blanks below.

1) **Hypo**tonic = _____ salt
Water moves _____
_____.
Cells_____.

2) **Iso**tonic = _____ salt
Water moves _____
_____.
Cells_____

3) **Hyper**tonic = _____ salt
Water moves _____
_____.
Cells_____.

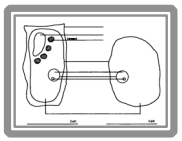
__**Get a Screen Check** __

Investigate!

Start the Investigation.

What happens to cells in saltier water?

Paper or *Google Classroom*



Cells Study Diagram:

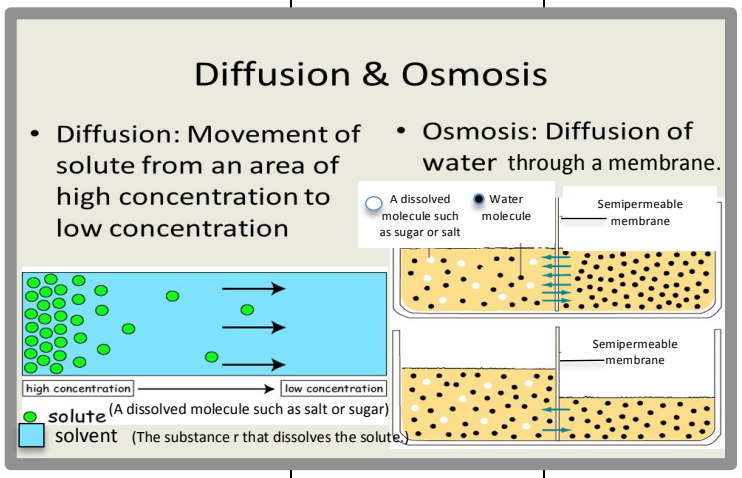
Paper or *Google Classroom*

_____

Parent Conferences

See you at your conference!

_____



Central Science Home Page www.plyter.com/science

Discovery Education → *Introduction to Diffusion & Osmosis* Username = 23yearlastf Student #

McGraw Hill ConnectEd → Interactives→ Osmosis (Try Last years or, Ask for Login.)

Life Science →*PBS* → *Osmosis*

Google Classroom *Google* Page→ **Class Code: wpbz4cp**

DAILY QUIZ: **Practice Tests→** ***MyGradebook - QuizLab→*** **plyter19 + Your ID#**

Points

Objective

Calendar Back

Online Diffusion & Osmosis + Calendar Blanks PBS-DE-MH

Cell Study Diagram

Organization Points..Ask

10/26/18 Calendar

Quizzes:

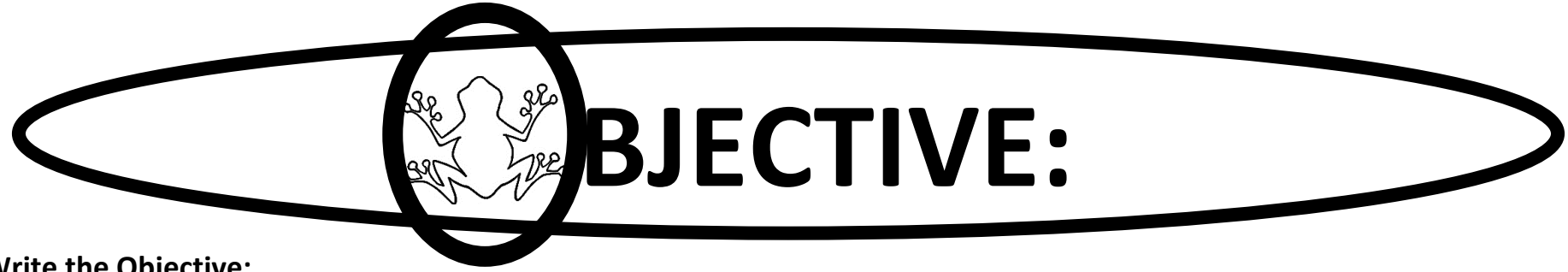
 # correct. Initial in color.

Mon _____

Tue _____

Wed _____

Total_____



OBJECTIVE:

Write the Objective: _____

Diffusion and Osmosis:

A. Define:

1) Diffusion _____

2) Osmosis _____

B. Draw the result of what happens to cells that are placed in salt water?

1) Search the text or online to find drawings of blood cells and other cells in pure water, normal solution and in salt water.
2) Draw below blood cells in pure distilled water, normal cell salt level and in concentrated salt water. Label.
3) Add drawings of plant cells in the three salt levels. Label. Write your source of information.

Distilled Water (No Salt)	Normal Cell Salt Level	Concentrated Salt Level
Write Sources of Information:		

OBJECTIVE:

To better understand the functions (jobs) of cell membranes by observing the results of diffusion of materials through a membrane (osmosis) as I view images, interpret models & use appropriate prefixes (hypo-, hyper-, iso-, equi-); followed by showing evidence of osmosis in an investigation MSLS12)