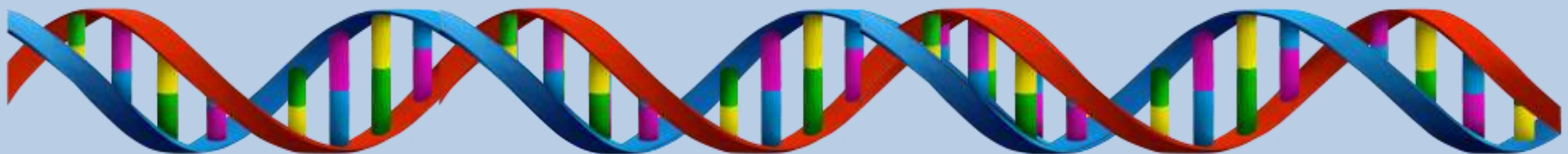


Grab warm-up #4 and the Unit 4 Cover Sheet (pg. 33) by the door

- 1. What is a system?**
- 2. How does matter move through ecosystems?**
- 3. What is everything you remember about cells?**



Comparing Cell Structures

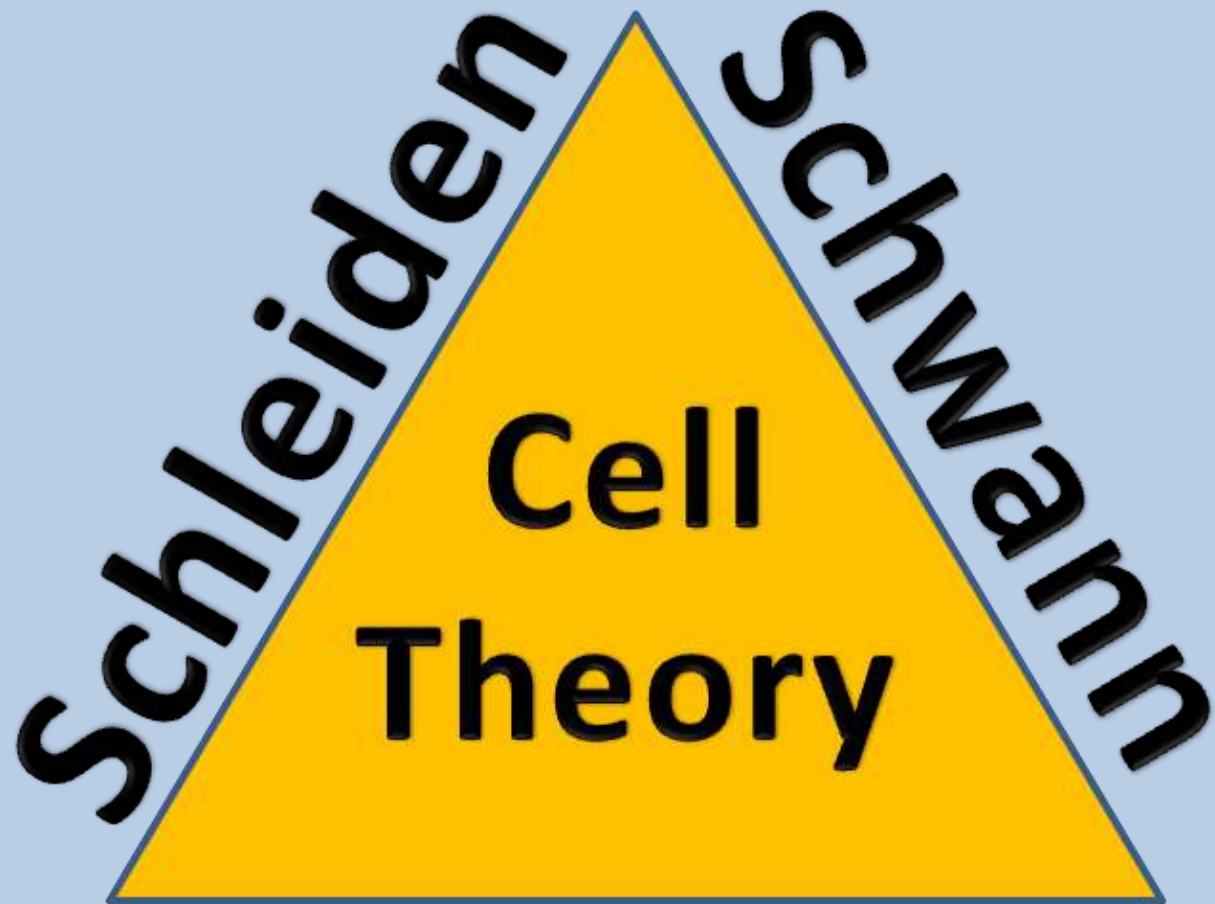
- **WHEN YOU ARE DONE MAKE SURE YOUR NOTEBOOK IS CAUGHT UP:**

Page	Title of Page	Check	Page	Title of Page	Check
24	Yellowstone Ecosystem		25	Algae Lab	
26	Unit 2 Wrap-up		27	Unit 3 Cover Sheet	
28	5.3 Simulation: Investigate Population Growth		29	Demography Notes	
30	Ecological Footprints		31	Human Causes of Global Change	
32	Human Impact Project		33	Unit 4 Cover Sheet	

Logistics

- **Welcome to UNIT 4 Cells...**
- **The test is scheduled for **January 16th****





Virchow

Cell Theory

- 1. All living things are made of cells**
- 2. The cell is the basic unit of life**
- 3. All cells come from other cells**

Build a Factory

- **What are things that every factory needs in order to be the most efficient and functional?**
- **2 min brainstorm BY YOURSELF**

Build a Factory

- Choose a group of 4 people and sit together at a table group
- *LISTEN CAREFULLY* to instructions once you are seated

Build a Factory

- Your groups are contractors bidding for a job to design and build a new factory for Apple to build Earbuds
- The job (and pay) will go to the contractor with the **most efficient** and **self-contained** design

Build a Factory

- **Task 1:**
 - **Brainstorm a list of all of things needed in a factory**
- **Task 2:**
 - **Draw a floor plan of this factory with all parts**
- **Task 3:**
 - **Label the parts and list their functions**
- **Factories will be judged based on functionality and aesthetics**

