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| **Initial Red Onion**  Draw 1 Onion Cell  Label with all parts (Large central vacuole, Cytoplasm, Nucleus, Cell wall)  Teacher Stamp: | | **Onion in Hypertonic Solution**  Draw 1 Onion Cell  Label with all parts (Large central vacuole, Cytoplasm, Nucleus, Cell wall)  Teacher Stamp: |
| **Onion in Hypotonic Solution**  Draw 1 Onion Cell  Label with all parts (Large central vacuole, Cytoplasm, Nucleus, Cell wall)  Teacher Stamp | **Analysis Questions:**   1. Describe the cell and its contents initially. Use biological terms learned in class. 2. Describe the cell after it is flooded with sucrose solution. Use biological terms learned in class. 3. Why did this change occur? Use biological terms learned in class. 4. What is this term that describes this change in the cell? 5. Describe the cell after it is flooded with H2O again. Use biological terms learned in class.   **Argumentation:** Type up a conclusion following Claim, Evidence, Reasoning.  Be sure to: (you may do this on a separate sheet if you need more space)   * Answer the experimental question * Discus what happened to both the vacuole in salt water and clean water * Explain why the change in the vacuole supports your claim * Give a plausible scientific reason for your claim | | |