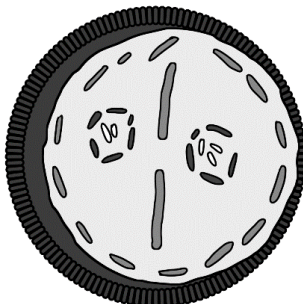
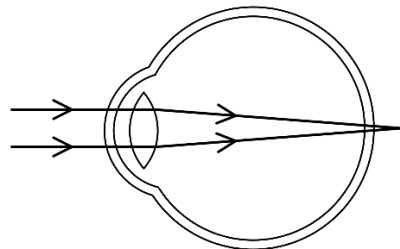
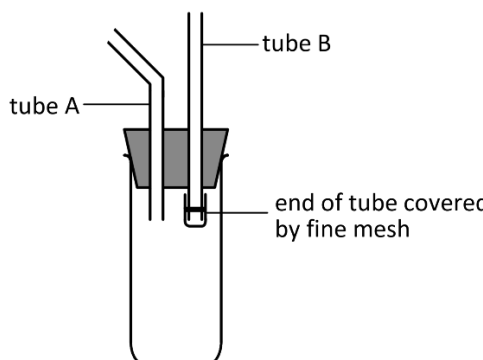


Biology 1 a Week Activity		Foundation	18 th Week
Name: Class:			
Plants growing in swamps have special roots that grow upwards through waterlogged soil to get oxygen from air. What type of response do these roots show?			
A Negative gravitropism B Positive germination C Positive gravitropism			
A student models the process of mitosis using cookies and sprinkles.  Mitosis is part of the cell cycle. Which part of the cell cycle has the student modelled? A Cell division B Chromosome movement C DNA replication D Growth of cell		Look at the diagram showing an eye defect. What condition is shown and how is it corrected?  A Long-sightedness, corrected with a concave lens B Long-sightedness, corrected with a convex lens C Short-sightedness, corrected with a concave lens D Short-sightedness, corrected with a convex lens	
Scientists can estimate the number of insects on a tree using capture-recapture. First, they collect some insects from the tree. The figure below shows some equipment.  i. Give the name of the equipment. ii. Explain how the scientists would use the i. The scientists capture 25 insects from the tree and then mark them. This is their first sample. They then release the insects and sample the tree again two days later. In this second sample there were 30 insects and 3 had been marked. Estimate the population size of insects on the tree. Use this formula: $\text{Estimated population size} = \frac{\text{Number in first sample} \times \text{Number in second sample}}{\text{Number in second sample previously marked}}$ Estimated population size = ...			