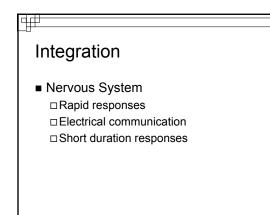


The Problem We are limited to crude senses Light waves Sound waves Odors Touch information Basic taste information

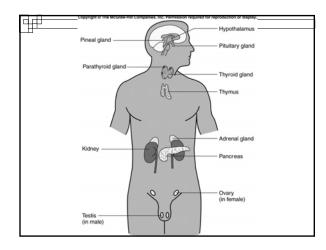
Integration

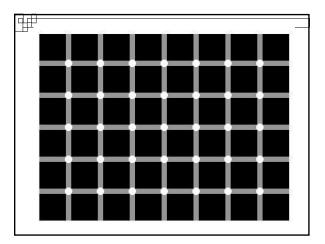
 Combining sensory information with past experiences and creating responses.



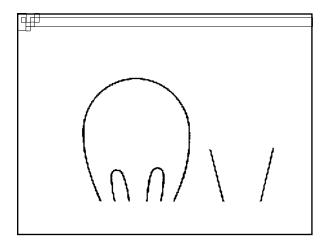
Integration

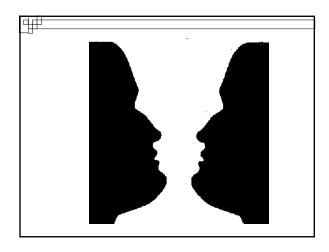
Endocrine System
 Slow responses, delayed onset
 Chemical messages sent throughout the body
 Long durations

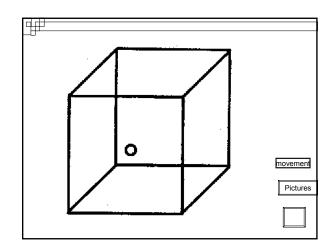


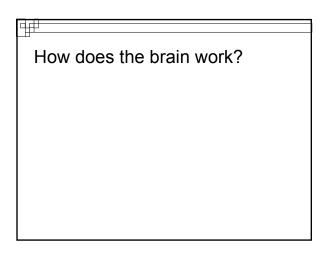


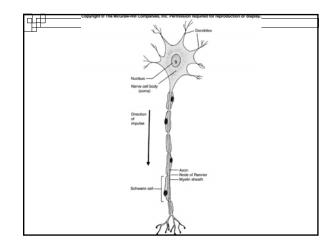


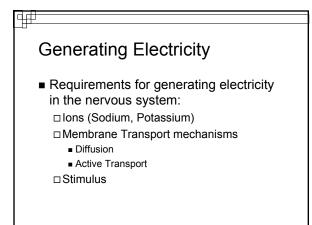












Generating Electricity

- Normal Ion Distribution:
 Sodium (Na) is found in the extracellular space
 - □ Potassium (K) is found in the intracellular space

