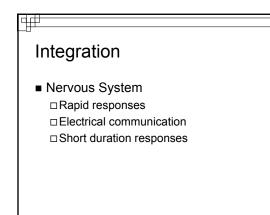


# The Problem We are limited to crude senses Light waves Sound waves Odors Touch information Basic taste information

## Integration

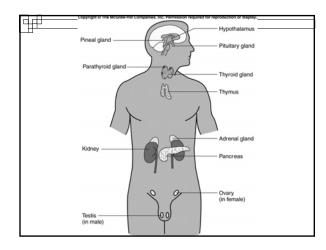
 Combining sensory information with past experiences and creating responses.

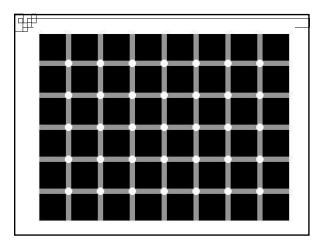


### 

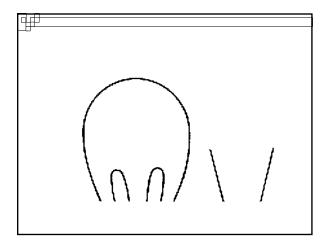
# Integration

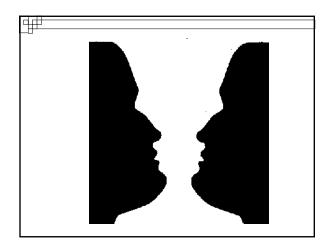
Endocrine System
 Slow responses, delayed onset
 Chemical messages sent throughout the body
 Long durations

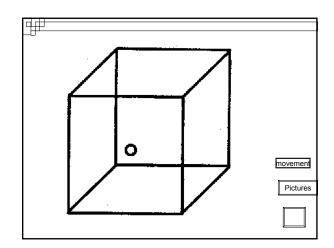


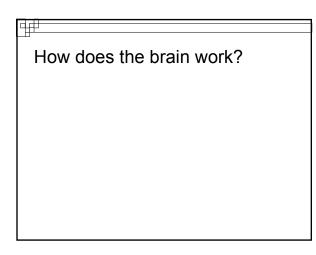


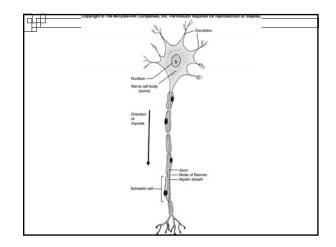


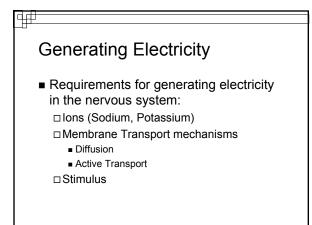












# Generating Electricity

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

