Making a Smooth Transition to College
Modeling the Learning Process

4 Basic Functions the Brain Uses for Learning

- Getting Information
- Making Meaning of Information
- Creating New Ideas
- Acting on Those Ideas
Learner *Begins* as **Receiver** of Knowledge
Gathering
Information Enters through Senses

• Can you remember four things that influence this gathering?

• Interest
• Intent
• Basic Background (prior knowledge)
• Understanding
Gathering takes place in the sensory cortex
**Analyzing to Make Meaning**

**REFLECTION**

- Try to make personal
- Try to determine connection to past experiences
- Try to discover relevance and usefulness
- Try to discover what it's like that we already know.
Analyzing takes place in the Back Integrative cortex
Creating
Convert comprehension to

• Ideas
• Hypothesis
• Plans
Creating Takes Place in the front integrative cortex
Acting Testing Ideas

- Writing
- Speaking
- Drawing
- Can you think of other ways?
Acting Takes Place in the Motor Cortex
Learner becomes 

**Producer** of Knowledge