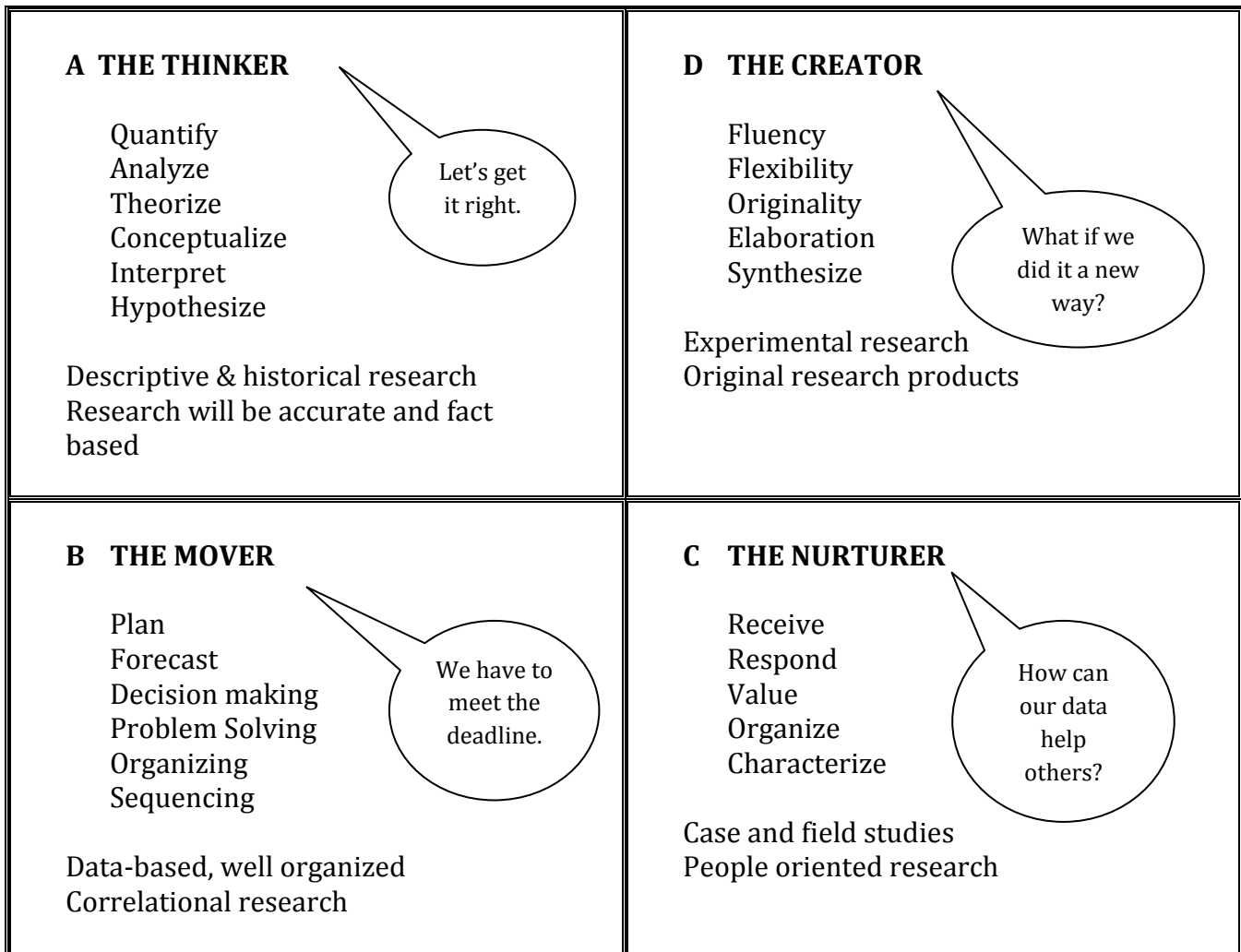


## Matching the Research Activity to the Student's Strongest Thinking Mode

Current brain research indicates that most people tend to favor one or more of the thinking processes found in the four quadrants of the brain. The model below indicates the four brain quadrants and the type of thinking found in each. Students will be more likely to enjoy and pursue those research activities that require the styles of thinking with which they are most comfortable.

### Specialized Modes of the Four Quadrants



### Types of Research

- Student A Likes:** Historical research (reconstruct the past)  
Descriptive research (systematic description)  
Developmental research (finding patterns of change)
- Student B Likes:** Correlation research (discovering relationships)
- Student C Likes:** Case and field studies, Group projects
- Student D Likes:** Action research to examine change as a result of action (original products)