

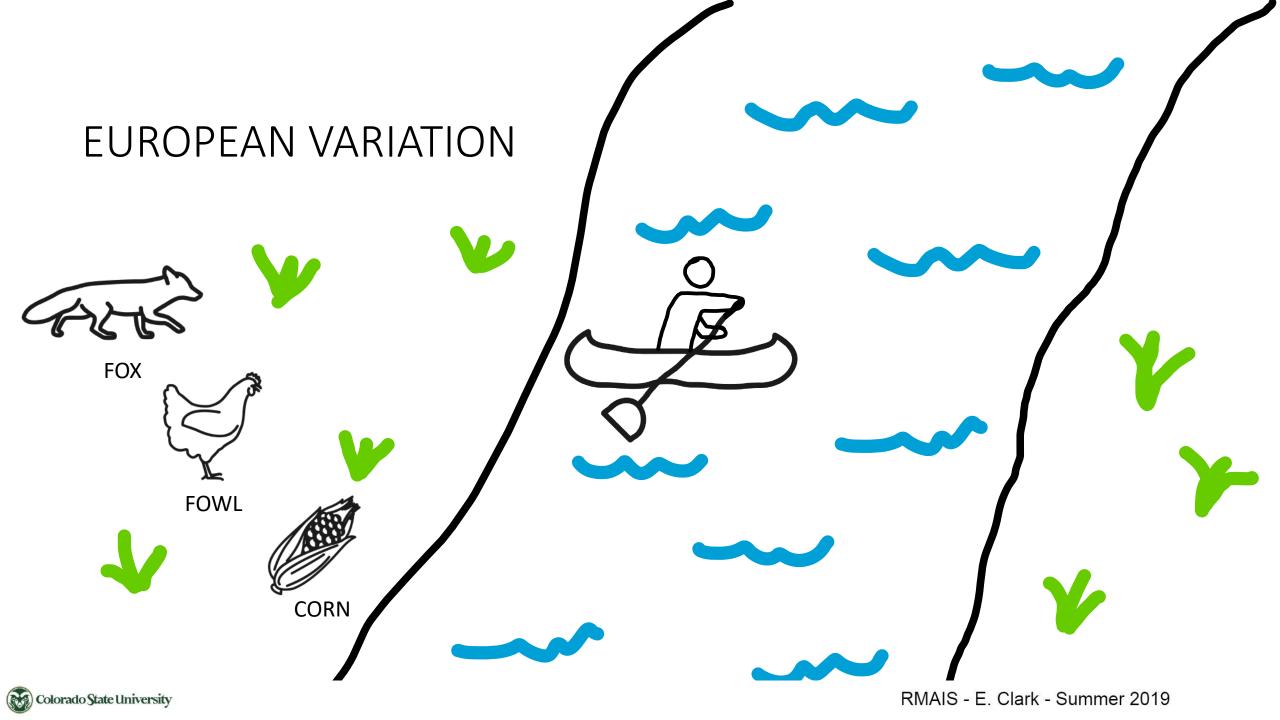
How did you first approach this problem?

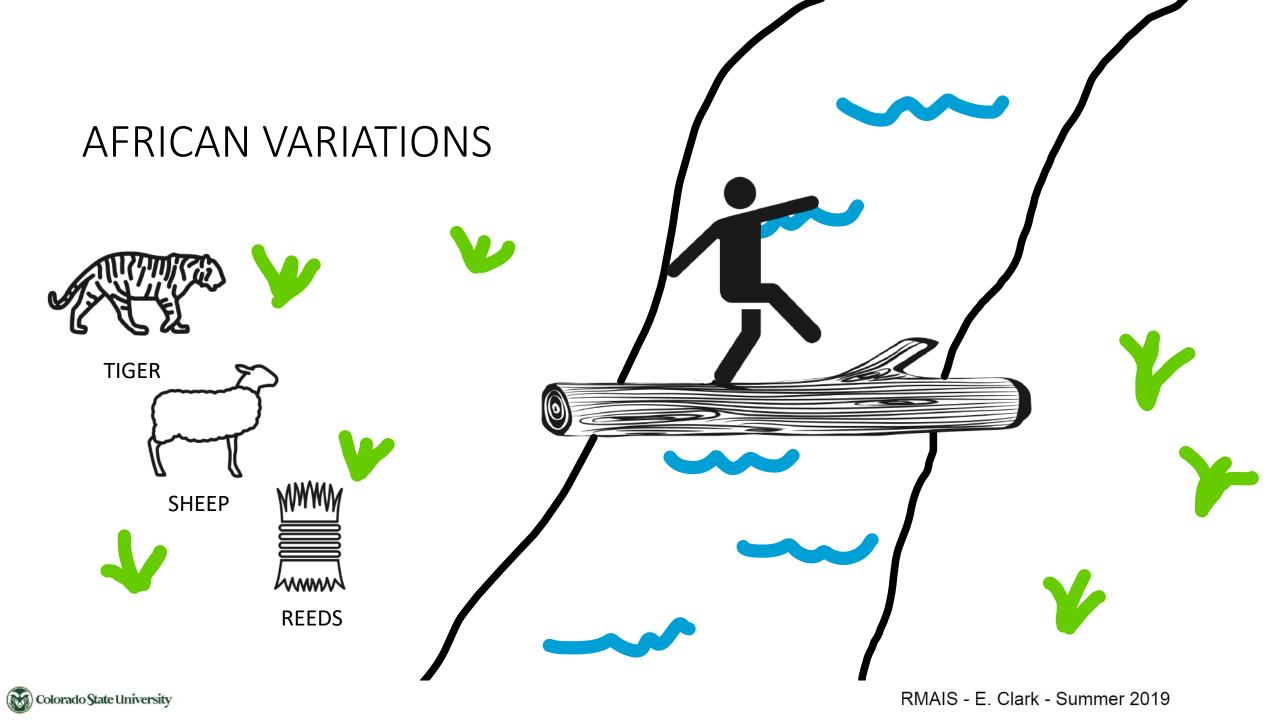
What were your methods to solve it?

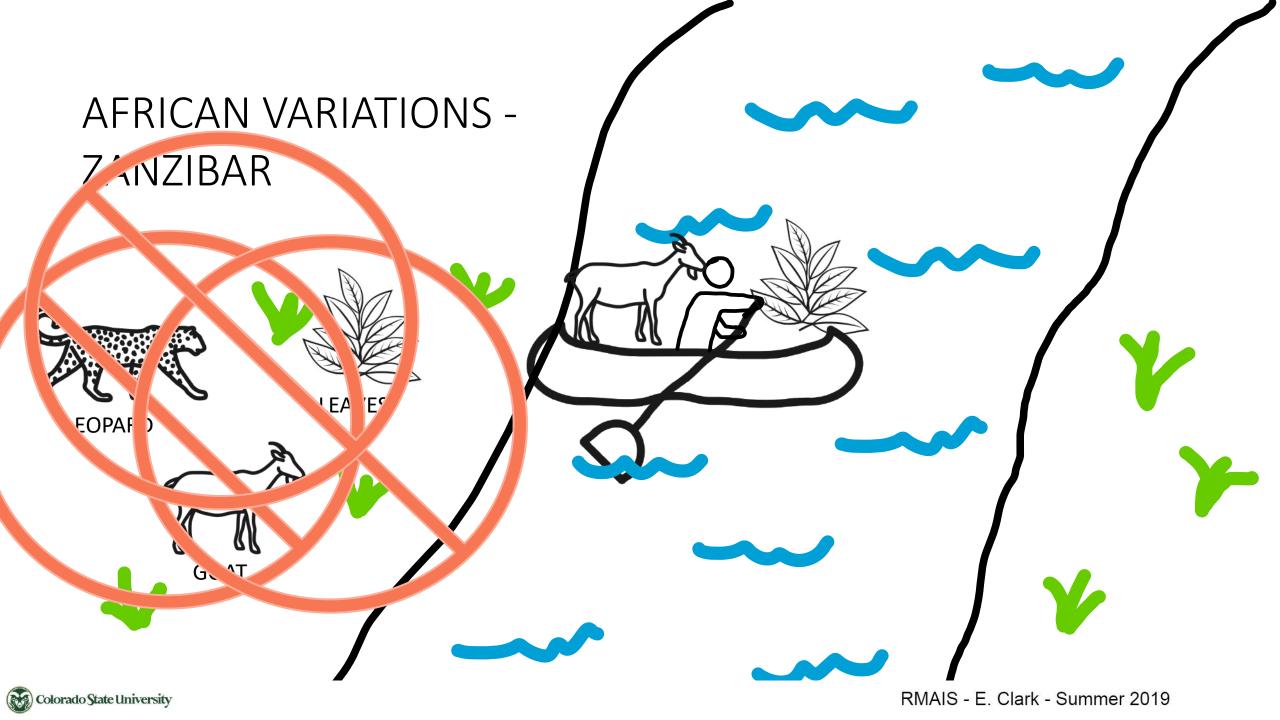
How did your team work together?

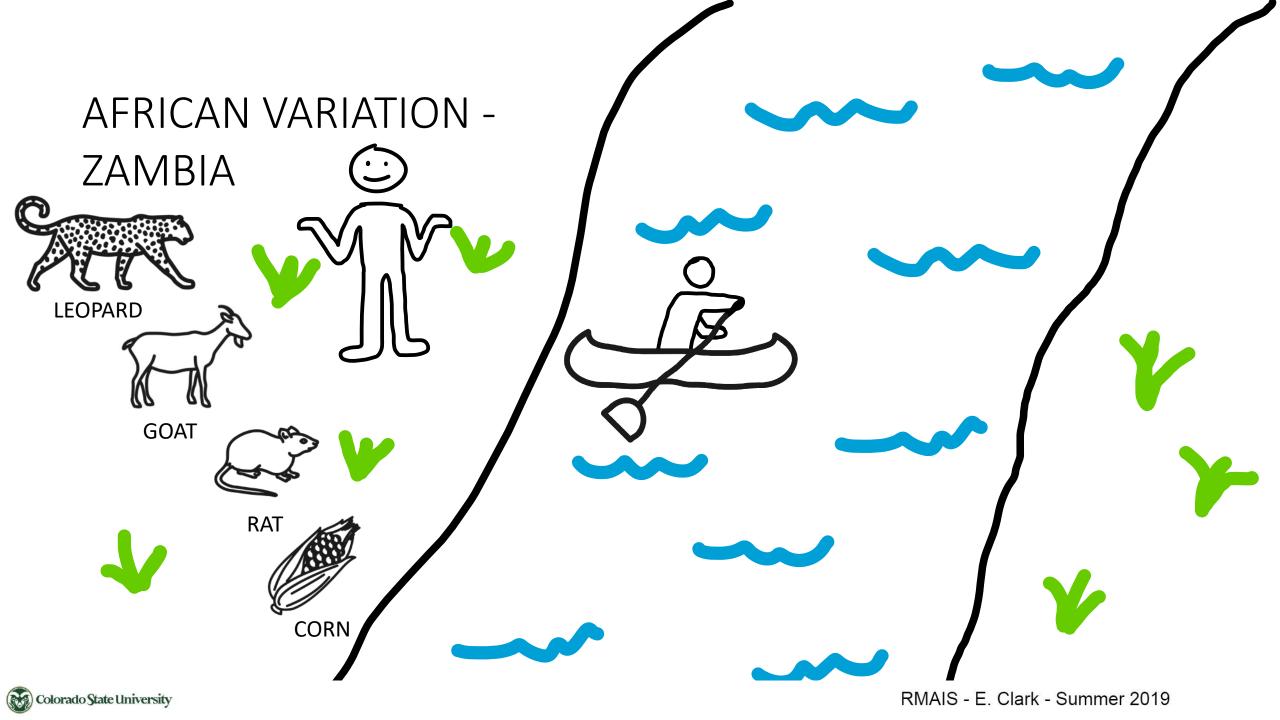
How did you feel during the process?





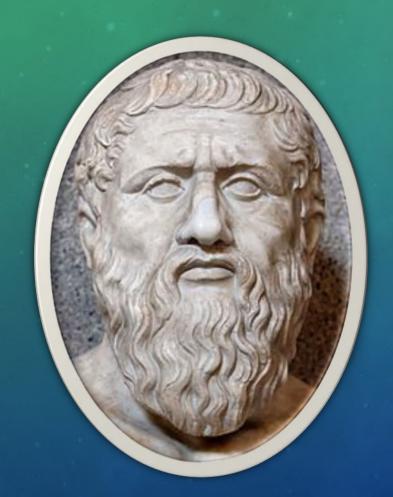


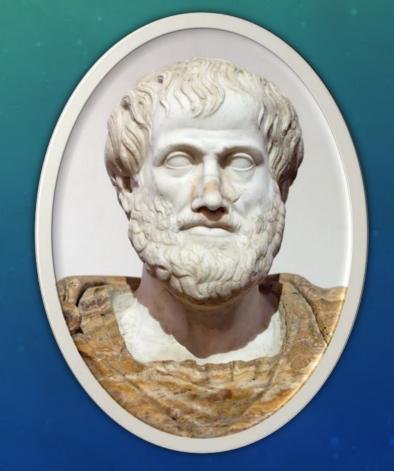






## THE BEGINNING OF A SCIENTIFIC METHOD

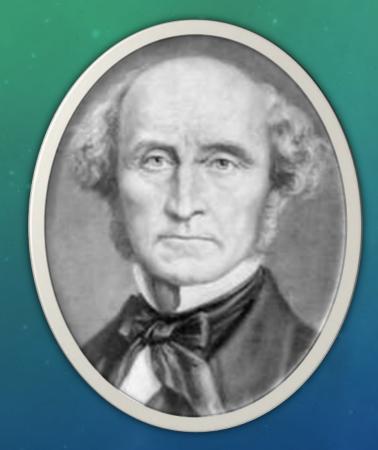




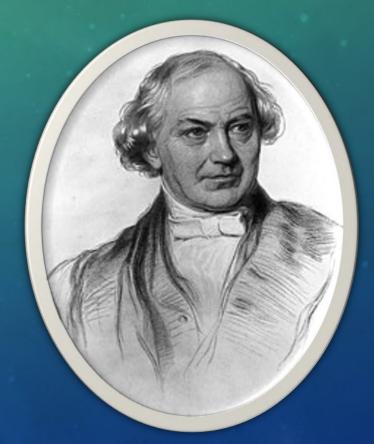
Plato - Deductive reasoning Aristotle - Observation and Logic



## MORE DEBATES ABOUT A SCIENTIFIC METHOD

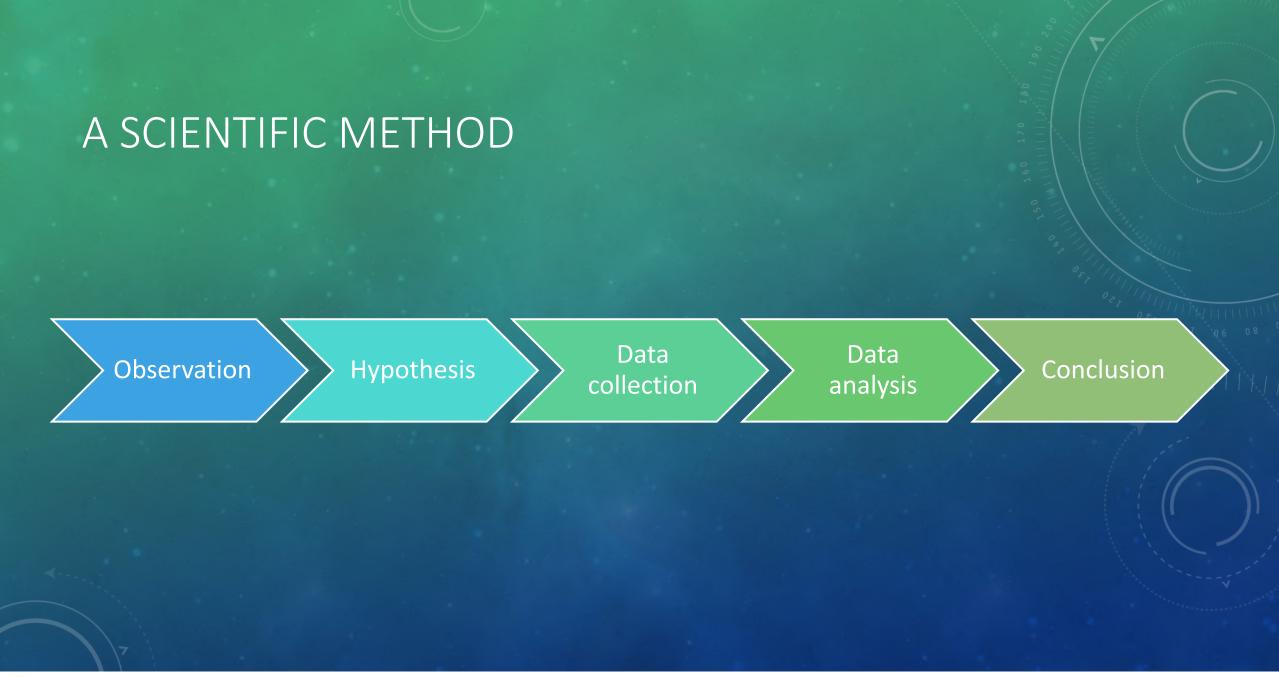


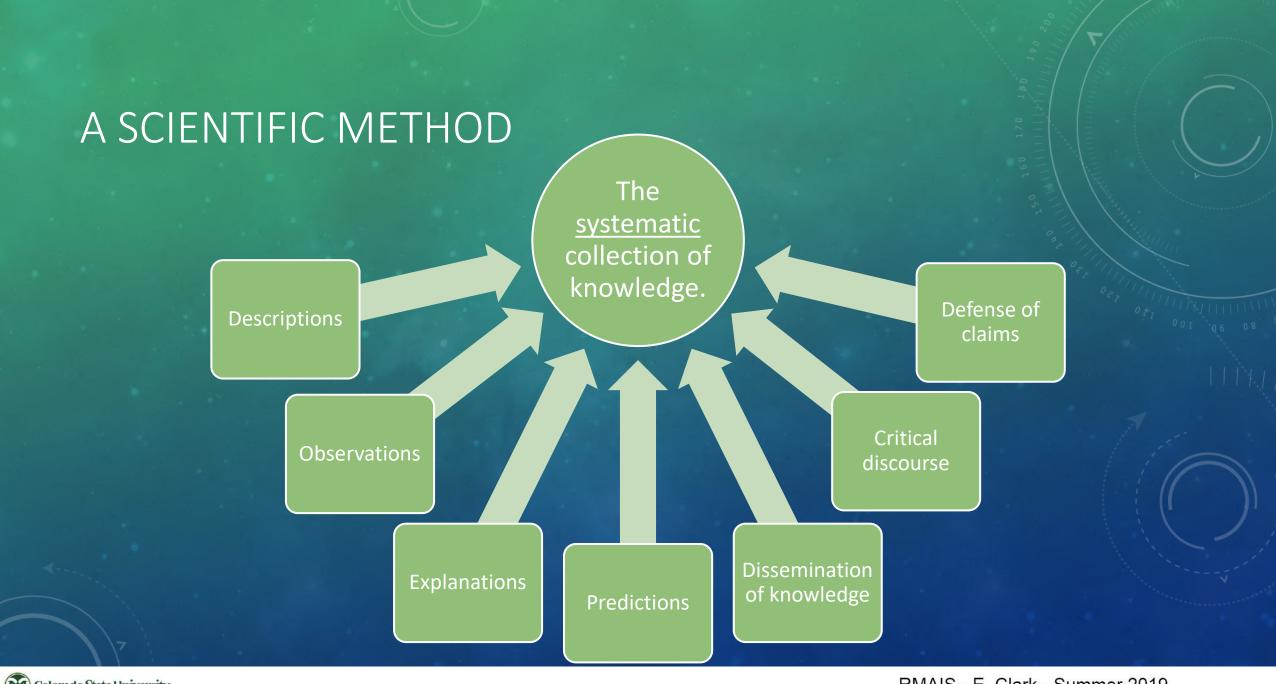
John Stuart Mill - Inductivism



William Whewell –



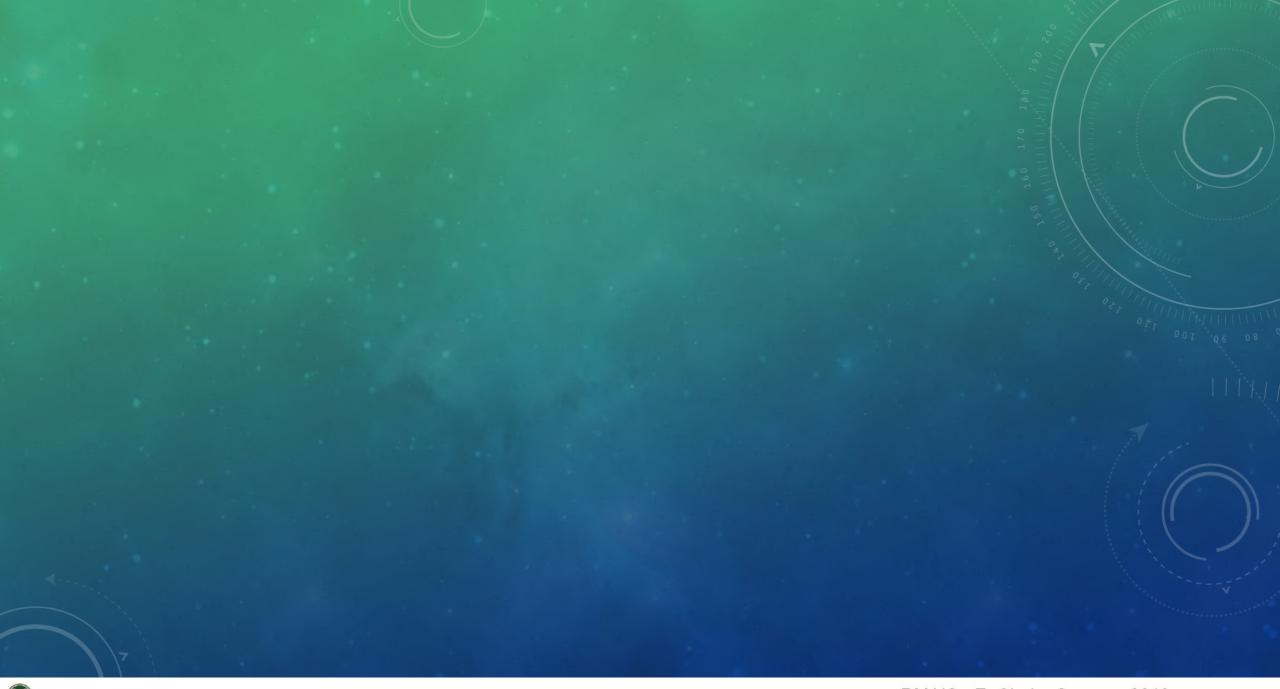






HOW CAN YOU FOSTER CRITICAL THINKING IN YOUR MENTORING RELATIONSHIP?





## THE RIVER CROSSING PROBLEM ACROSS CULTURES

Ah-Ha moments and mathematical problem solving are universal

Riddles are fun versions of could-be real scenarios

Cultural background and experience dictates the way you see problems and attempt to solve them

