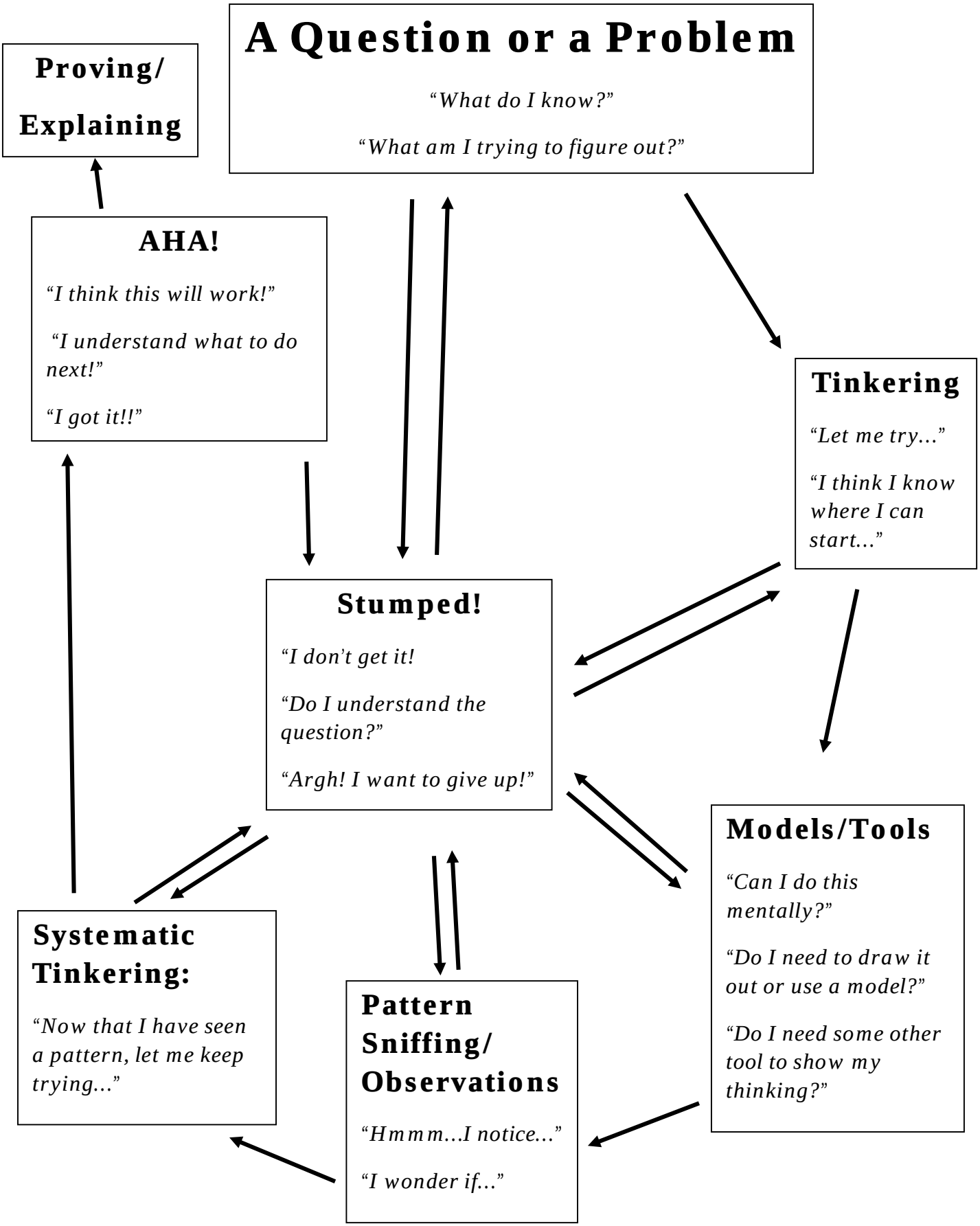
A Question or a Problem
"What do I know?"
"What am I trying to figure out?"
Proving/ Explaining
AHA!
"I think this will work!"
"I understand what to do next!"
"I got it!!"
Tinkering
"Let me try..."
"I think I know where I can start..."
Stumped!
"I don't get it!
"Do I understand the question?"
"Argh! I want to give up!"
Models/Tools
"Can I do this mentally?"
"Do I need to draw it out or use a model?"
"Do I need some other tool to show my thinking?"
Systematic Tinkering:
"Now that I have seen a pattern, let me keep trying..."
Pattern Sniffing/ Observations
"Hmmm...I notice..."
"I wonder if..."