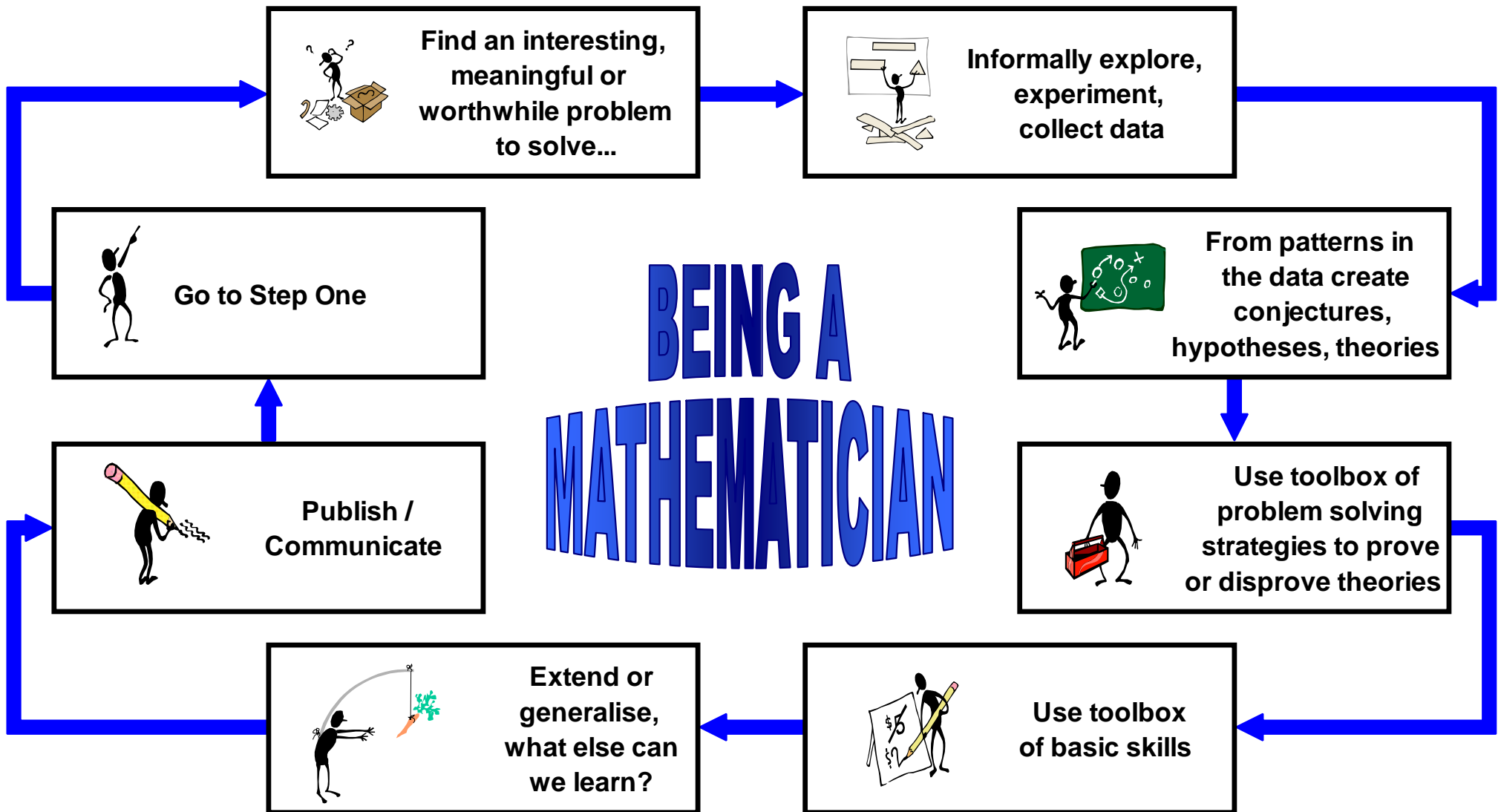
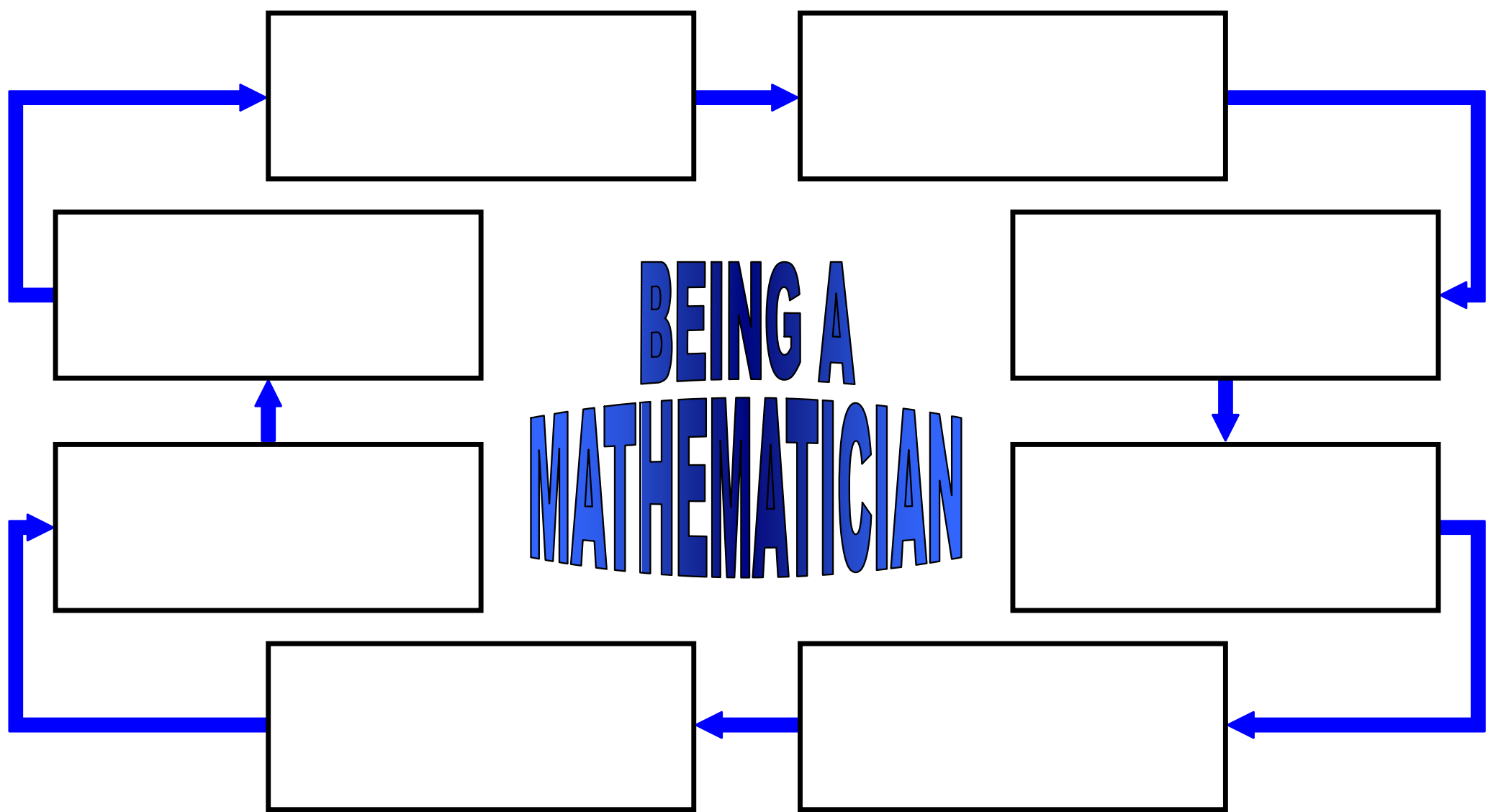


# BEING A MATHEMATICIAN



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Use toolbox of problem solving strategies to prove or disprove theories



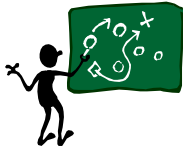
Informally explore, experiment, collect data



Use toolbox of basic skills



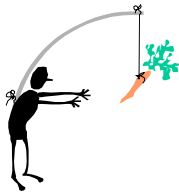
Go to Step One



From patterns in the data create conjectures, hypotheses, theories



Find an interesting, meaningful or worthwhile problem to solve...



Extend or generalise, what else can we learn?



Publish / Communicate



Use toolbox of problem solving strategies to prove or disprove theories



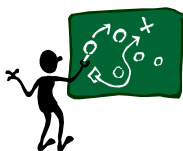
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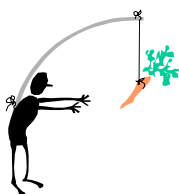
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