



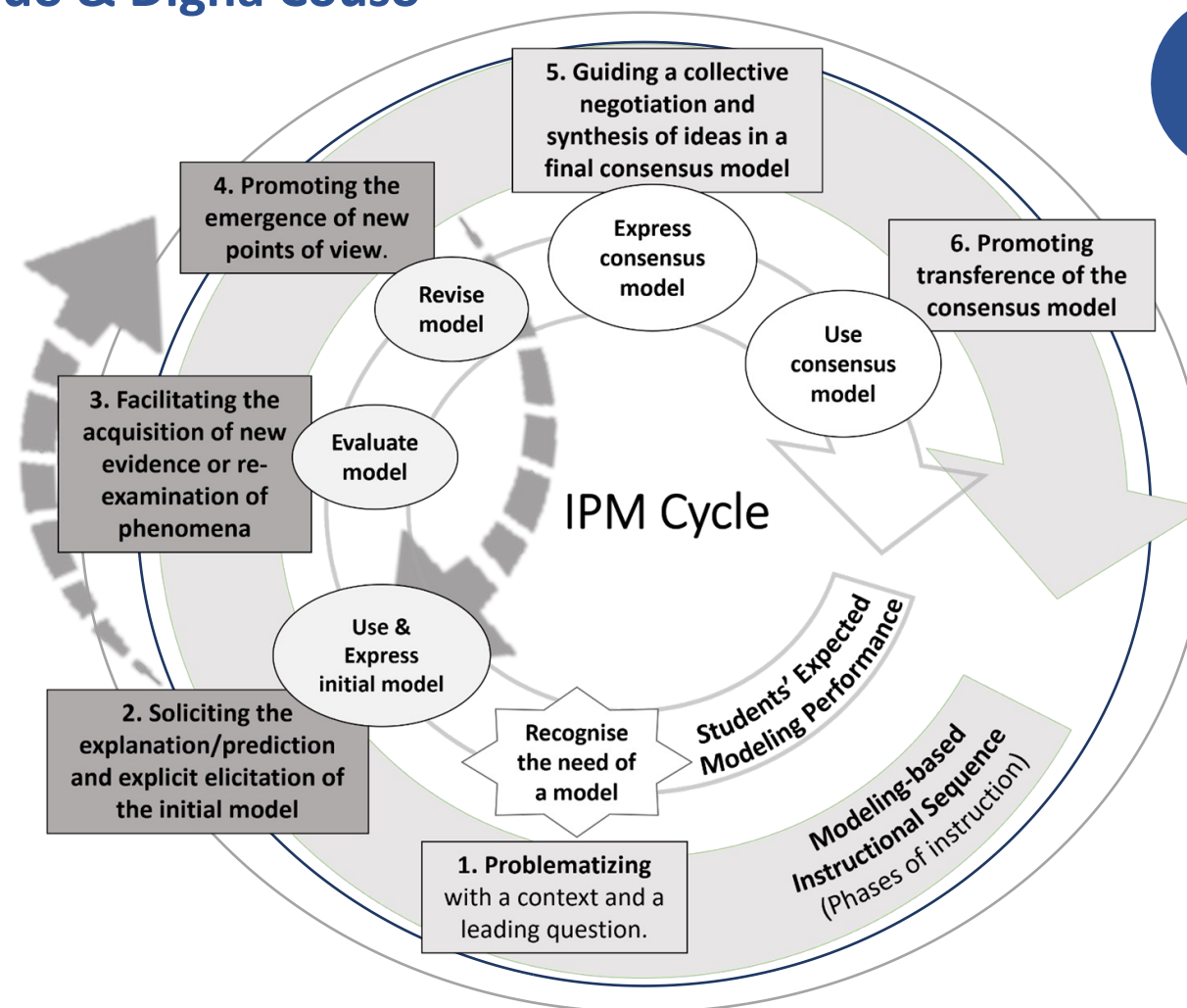
# The IPM cycle: a tool for promoting students' engagement in modeling

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## INTRODUCTION

- There is a recognized polysemy in the term modeling and great diversity of proposals for promoting modeling in the science classroom.



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## INSTRUCTIONAL TOOL

- The IPM Cycle is a practical, condensing tool that addresses three main problematic issues identified in previous modeling-based cycles.

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## RESULTS AND DISCUSSION

- The sequential phases of the IPM cycle foster rich, meaningful and productive modeling activity of students.