PREFACE

Charge from VMSC — On October 6, 2009, the Virginia Mathematics and Science Coalition directed the science committee to establish a task force to write a report to present to local education agencies (LEA), Department of Education (DOE), Board of Education (BOE), and policymakers on how inquiry-based teaching and explicit nature of science instruction will improve student learning in science. This Report includes, but is not limited to, what scientific inquiry and the nature of science are, why teach them, and how to teach them effectively.

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