



## Launching Learners in Science, PreK-5: How to Design Standards-Based Experiences and Engage Students in Classroom Conversations

By Williams, Kerry E. Curtiss; Veomett, George E.

Corwin, 2006. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface Acknowledgements About the Authors Part I. Welcome to 'Launching Learners in Science' 1. Origin of 'Launching Learners in Science' Knowing Science Knowing Children and How They Learn Knowing Structures That Facilitate Learning and Teaching Science Outline of the NSES Science Content Standards Conversation Starters 2. The Nature of Science What Is the Nature of Science? Science as a Body of Knowledge Sciences as Process Science as Process in Elementary School Reviewing the Nature of Science in Elementary Education Conversation Starters 3. Prior Beliefs, Efficacy, and Teaching Science Influence of Experiences and Beliefs on Practice Efficacy Reflecting on the Walls of Teaching Science Getting Around the Walls Reflecting on Your Own Science Walls Conversations Starters Part II. Construction Ahead! Influences on Learning 4. Maturation and Learning Constructing Knowledge Piaget: The Interaction of Maturation and Experience Conversation Starters 5. Social Interaction and Learning Vygotsky and Social Interaction The Teacher's Role: Personal Educator Optimum Learning: The Zone of Proximal Development Identifying Students' Zones of Proximal Development Scaffolding: Stretching Without Pulling The Right Amount of Interaction Social Interaction With Peers Conversation Starters 6. Active Learning Active Learning:...



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