

## PREFACE

Every scientist learns science through pathways of experimentation. Different groups of scientists, working in cooperation or competition with each other, contribute portions to our overall understanding of nature within us and around us.

In the classroom, scientific exploration can also take place through pathways of experimentation by cooperative and competitive groups of students, guided by their teacher. Every pathway starts with some common observations, hypotheses and methods. This way everyone can see what it's like to be "on the same page." Then as they gain experience, students of science (adults and children) can venture out, exploring on their own, devising a project.



*Experiment with Enzymes* was written to provide teachers with a roadmap for a pathway that can lead to classroom experimentation by teachers and their students.